



LEWISVILLE ISD 2015 - 2016 HIGH SCHOOL

COURSE DESCRIPTION GUIDE



Flower Mound High School § FMHS 9th Grade Campus Hebron High School § HHS 9th Grade Campus

Lewisville High School § LHS Harmon 9th/10th Grade Campus § LHS Killough 9th /10th Grade Campus

Marcus High School § MHS 9th Grade Campus

The Colony High School

Career Center East § Dale Jackson Career Center

Lewisville Learning Center











Updated: 2.3.15

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It is the policy of Lewisville I.S.D. not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended.

Lewisville, I.S.D. will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

For information about your rights or grievance procedures, contact the Title IX Coordinator, Dr. Kevin Rogers at 1565 West Main St., Lewisville, Texas 75067, 972-350-4750 and/or the Section 504 Coordinator, Dr. Paula Walker at 136 West Purnell St., Lewisville, TX 75057, 469-713-5203.



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INTRODUCTION

Planning a four-year high school program is a serious undertaking. Although many of your courses will be determined by the graduation plan you select, you will still have many other choices to make during your years of school. The courses you select will be guided largely by your plans for the future. Will you continue your education in college or in a trade or technical school? Do you want to learn a career skill in order to enter the full-time work force immediately after school? Are you interested in a technical field? Are you thinking of entering a profession that requires many years of specialized education?

The answers to these questions are extremely important for making decisions about your course selections for all four years in high school. These answers should also be guided by your interests and abilities. Some students are sure of their future plans; others are still deciding. It is also common for young people to change their minds about which career to choose. For this reason, it is important for you to plan as challenging a program as you can. If your career plans should change, then it will not be as difficult to move into another program. While it may sometimes seem tempting to schedule a less demanding combination of courses, choosing courses that meet your needs or interests is the best way to prepare for your future.

LISD offers you many ways to prepare for a productive adult life—to increase the likelihood that you will realize your future goals. The district's high schools and career centers provide a wide range of programs that prepare students for post-high school experiences: college, business school, technical school, military service, fine arts participation, full-time employment, and other areas. The programs offered allow a student to choose the high school program best for him/her, whether that program is the traditional college preparatory, tech-prep, or career preparatory program. Outlined on the following pages are the graduation requirements for each of the state's possible graduation programs (minimum, recommended high school, and distinguished achievement programs).

Immediately following the presentation of possible graduation plans are descriptions of all courses offered, with accompanying information about prerequisites and grade level placement. We strongly urge you to give the attention to planning for high school that it deserves. By planning wisely, you can create the future that is most appropriate for you.

GENERAL REQUIREMENTS GENERAL INFORMATION 2014-2015

Lewisville ISD high schools operate on the accelerated block schedule. Because this type of schedule requires a different way of arranging the curriculum, students will find different terminology in the course descriptions. The following information will be helpful in understanding accelerated block and making choices about courses.

- Courses are listed as either .5, 1, 1.5, 2, or 3 credits.
- On the accelerated block schedule, 1 credit = 18 weeks. On a traditional semester schedule, students earn 1 credit after one full year, covering the same amount of material.
- On the accelerated block, during one full year (two terms), a student could be enrolled in as many as 8 different blocks of courses (4 in the fall term and 4 in the spring term) with the potential of earning a maximum of 8 credits.
- On the accelerated block schedule, .5 credit = 9 weeks = 1 quarter. A twenty-seven week course would earn 1.5 credits. There are 4 quarters, or 36 weeks in a school year.
- The accelerated block provides for 90-minute class periods. Students are scheduled into four periods per day, and each class meets every day. Exceptions to this must be approved by campus administration.
- Each high school may offer selected courses for 18 weeks for .5 credit. These courses will meet for 45 minutes per day, with few exceptions. This will be done either during the school day or as a zero hour before and/or after school. Check with your counselor for a list of the courses being offered at your school.
- Some courses are offered for local credit only and do not count toward state credits needed for graduation.
- Grade reports are monitored on a three week basis through progress reports, and report cards are distributed at the end of each nine weeks (quarter).
- UIL eligibility follows a schedule separate and apart from quarter (9 weeks) and semester grading cycles and is not included in this guide.
- Course "Recommendations" are listed to help ensure a greater measure of success for the student and should therefore be completed. A student may, however, enroll in a class without taking suggested course recommendations.
- Course "Prerequisites" must be successfully completed before a student is allowed to enroll in a course.
- Credit for courses may be received through credit by exam. For courses without prior instruction, a mastery level of 80% is required for credit. For courses where the required amount of prior instruction has been certified, a mastery level of 70% is required for credit to be awarded. A schedule for testing dates can be obtained from the campus counselor.
- State law/board policy supersedes information in this book.
- Students may graduate early by completing all graduation requirements. The desire to graduate early will not subject the student to special consideration in scheduling.
- A student's graduation plan is determined by the year that the student enters the 9th grade unless a change is mandated by law.
- It is the parent's responsibility to insure compliance with the requirements for the NCAA Eligibility Center for college athletics.

LISD GRADUATION PLAN OVERVIEW

STUDENTS ENTERING HIGH SCHOOL PRIOR TO 2014-2015.

There are two basic options available to meet LISD graduation requirements. Those two basic plans are the MINIMUM HIGH SCHOOL PROGRAM (MHSP) and the RECOMMENDED PROGRAM (RHSP). The DISTINGUISHED ACHIEVEMENT PROGRAM (DAP) goes beyond the RHSP. It requires advanced schoolwork that reflects college- or professional-level skills. To earn this honor, you must complete three credits in the same foreign language, complete specific courses in core content areas, and complete a combination of four of the advanced "measures".

Each of these plans requires 26 credits to graduate. The RHSP should be considered for most students and for all students who plan to enter college. The RHSP or DAP is required unless waived by a special committee. The basic requirements for each program, including the DAP, are outlined on the following pages.

This group of students are also permitted to graduate on the Foundation High School Program as outlined below. Lewisville ISD encourages all students to remain on the current RHSP or DAP. Graduating seniors should clarify with their college of choice that moving to a different graduation plan will not adversely impact their admission status. For a comparison of the current graduation plans with the new Foundation Plan See Graduation Plan Comparison Side-by-Side in the Appendix.

STUDENTS ENTERING HIGH SCHOOL 2014-15 AND BEYOND.

HB5, passed by the Texas Legislature this spring, made substantial changes to the state's graduation requirements, moving from the current "4x4" graduation plans to a 22-credit Foundation High School Program (FHSP) that allows students to earn endorsements in specific areas of study by completing four additional credits and performance acknowledgements. Students entering high school in the fall of 2014-15 will be required to meet the requirements of the foundation high school program to receive a high school diploma.

The endorsement areas are Science, Technology, Engineering and Mathematics (STEM); Business and Industry; Public Services; Arts and Humanities; and Multidisciplinary Studies. LISD offers courses to meet endorsements in all areas. There are specific course requirements in the foundation curriculum based on the endorsement selected. Please see the comparison of core course requirements by endorsement.

A student may elect to graduate without an endorsement under the high school foundation plan after the student's sophomore year if the student and the student's parent or guardian are advised by the school counselor of the benefits of graduating with one or more endorsement; and the student's parent or guardian files written permission with the high school allowing the student to graduate without an endorsement.

TOWARD EXCELLENCE, ACCESS, & SUCCESS (TEXAS) GRANT PROGRAM

Program Purpose

The Texas Legislature established the TEXAS (Toward EXcellence, Access and Success) Grant to make sure that well-prepared high school graduates with financial need could go to college.

Who can apply? Students who...

- Are Texas residents
- Have not been convicted of a felony or crime involving a controlled substance
- Show financial need Register for the Selective Service or are exempt from this requirement
- Complete the Recommended High School Program, Distinguished Achievement Program OR the Foundation High School Program in high school
- Students graduating with the Foundation High School Program MAY have additional eligibility criteria to qualify for the TEXAS Grant. Information will be updated as received from the SBOE.
- 😤 Enroll in a non-profit public college or university in Texas within 16 months of graduation from a public or accredited private high school in Texas and
- ## Have accumulated no more than 30 semester credit hours, excluding those earned for dual or concurrent courses or awarded for credit by examination (Advanced Placement or College Level
- Students entering the program from high school who continue in college and who meet program academic standards can receive awards for up to 150 semester credit hours, until they receive a bachelor's degree, or for five years if enrolled in a 4-year degree plan or six years if enrolled in a 5-year degree plan, whichever comes first
- Have an Estimated Family Contribution less than or equal to \$4000

The academic requirements for continuing in the program are:

- 🔆 At the end of the first year, the student entering the program from high school must meet the school's Satisfactory Academic Progress (SAP) requirements
- At the end of the second year in the program or later years, all students must complete at least 75 percent of the hours attempted in the prior academic year, have an overall college grade point average (GPA) of at least 2.5 on a 4.0 scale and complete at least 24 semester credit hours per year

Where may awards be used?

A TEXAS Grant may be used to attend any public institution of higher education in Texas.

How much can be awarded?

The award amount (including state and institutional funds) is equal to the student's tuition and required fees.

For 2013-2014, the state amount was approximately:

- \$7,400 per year for public universities and state college students
- \$2,400 per year for public community college students
- \$4,400 per year for public technical college students

How can you apply?

You apply for the TEXAS Grant when you complete and submit the Free Application for Federal Student Aid (FAFSA) or other application as required by your college's financial aid office. Funding is limited, so you need to submit your application as soon as possible after January 1 of your senior year. The financial aid office at each college and university will determine if the TEXAS Grant is part of the aid package that is offered to you.

TOP TEN PERCENT RULE AND AUTOMATIC ADMISSIONS

Top students are eligible for automatic admission to any public university in Texas under admissions policies. Under TEC 51.803, students who are in the **top 10 percent** of their graduating class are *eligible* for *automatic admission* to *any public university in Texas*.

To be eligible for automatic admission, a student must:

- Graduate in the top 10 percent of his or her class at a public or private high school in Texas, OR
- Graduate in the top 10 percent of his or her class from a high school operated by the U.S. Department of Defense and be a Texas resident or eligible to pay resident tuition;
- Graduate on the Recommended High School Program (RHSP), Distinguished Achievement Program (DAP), or Foundation High School Program (FHSP);
- Earn a Distinguished Level of Achievement (DLA) if graduating on the FHSP;
- Satisfy the College Readiness Benchmarks on SAT or ACT assessments.
 - SAT 1500 out of 2400 (critical reading, math and writing)
 - o ACT 18 English, 21 Reading, 22 Math, 24 Science
- Enroll in college no more than two years after graduating from high school; and
- Submit an application to a Texas public university for admission before the institution's application deadline with all required documentation (check with the university regarding specific deadlines).

Students admitted through this route are still required to provide SAT or ACT scores, although these scores are not used for admissions purposes. Check with the college admissions office regarding testing requirements.

After a student is admitted, the university may review the student's high school records to determine if the student is prepared for college-level work. A student who needs additional preparation may be required to take a developmental, enrichment, or orientation course during the semester prior to the first semester of college.

Admission to a university does not guarantee acceptance into a particular college of study or department. Remember that you may not be admitted even if you are eligible if you do not meet the admission deadline.

<u>Modifications to Texas' Automatic Admission Law</u> – SB 175, passed by the 81st Legislature in the spring of 2009, modifies TEC 51.802 for The University of Texas at Austin. Under the new law, the University is to automatically admit enough students to fill 75% of available Texas resident spaces. By September 15th of each year, the University will notify Texas school officials of the class rank that current high school juniors need to attain by the end of their junior year in order to be automatically admitted two years out of high school. SB 175 went into effect with the 2011 summer/fall class and will remain in effect at least through the 2015-2016 academic year. *For additional information, see UT website (www.utexas.edu).*

LISD GRADUATION REQUIREMENTS 2015 – 2016

STUDENTS ENTERING HIGH SCHOOL PRIOR TO 2014-2015

RHSP AND MHSP GRADUATION REQUIREMENTS

RECOMMENDED HIGH SCHOOL PROGRAM	MINIMUM HIGH SCHOOL PROGRAM
	THIS PROGRAM REQUIRES ADMINISTRATIVE APPROVAL
English I, II, III, IV (4 credits)	English I, II, III, IV (4 credits)
Math (4 credits): Algebra I Geometry Algebra II Other Math credit	Math (3 credits): Algebra I Geometry Other Math credit
Science (4 credits): Biological and Physical Sciences One credit in each:	Science (3 credits):
Biology, Chemistry Physics Other Science Courses	 Biology course Integrated Physics & Chemistry (one credit in chemistry and one credit in physics can substitute for IPC) Other Science Courses
Social Studies (4 credits): World Geography World History (1) U.S. History (1) U.S. Government (.5), Economics (.5)	Social Studies (4 credits): World Geography World History (1) U.S. History (1) U.S. Government (.5), Economics (.5)
Physical Education or Substitution ¹ (1 credit)	Physical Education or Substitution ¹ (1 credit)
Speech (.5 credit):	Speech (.5 credit): Communication Applications , OR Professional Communications (CTE)
Fine Arts ² (1 credit)	Fine Arts ² (1 credit)
Electives (5.5 credits)	Electives (9.5 credits) – (4) may be local
26 CREDITS TOTAL	26 CREDITS TOTAL

NOTE: The DISTINGUISHED ACHIEVEMENT PROGRAM (DAP) goes beyond the RHSP. It requires advanced schoolwork that reflects college- or professional-level skills. Students who graduate with the RHSP or DAP are eligible for the TEXAS Grant I Program (H.B. 713) if financial need is determined.

- 1 PE Credit/Substitution 4 credits of PE or PE substitution may be used toward state graduation requirements. The following courses may be taken as a PE substitution: Cheerleading (Varsity, Jr. Varsity, Freshman); Drill Team; Marching Band (1st 9 weeks only); External PE; Athletics; JROTC. Only one state credit allowed per year.
- 2 Fine Arts credit under the Recommended and Minimum Programs must be earned from the following list of courses: Art I-IV, all AP Art, Orchestra I-IV, Choir I-IV, Dance I, Theatre Arts I-IV, Theatre Production I-IV, Technical Theatre I-IV, Band I-IV, Music Theory.

All students must pass State Mandated Assessments in order to graduate. See page 23.

IT IS THE STUDENT'S – PARENT'S / GUARDIAN'S RESPONSIBILITY TO BE CERTAIN THAT THE STUDENT MEET ALL THE REQUIREMENTS FOR GRADUATION.

DISTINGUISHED ACHIEVEMENT PROGRAM

Purpose of the Distinguished Achievement Program	The Distinguished Achievement Program (DAP) recognizes students who demonstrate levels of performance equivalent to college students or work done by professionals in the arts, sciences, business, industry, or in community service.						
Standards for Approval of Requirements	Advanced measures focus on demonstrated student performances at the college or professional level. Student performance is assessed through an external review process.						
Requirements of	Students must meet the requirements of the Recommended Graduation Program.						
The Distinguished Achievement Program	The DAP Math and Science requirements include specific courses as well as a specific course sequence in the areas of Math and Science.						
्रं; Math	The fourth Math course should be taken AFTER the successful completion of Algebra I, Geometry, and Algebra II. The following courses will meet DAP requirements for the fourth Math. See <i>Math and Science Fourth Option</i> on the next page.						
☆ Science	The fourth Science course should be taken either AFTER successful completion of one credit in Biology, Chemistry, and Physics or CONCURRENTLY with the third science. See <i>Math and Science Fourth Option</i> on the next page.						
综 LOTE	A student must have an additional year of Language Other Than English (LOTE) – A total of 3 credits in the same language.						
Advanced Measures	In addition, students must complete any combination of four of the following advanced measures. Advanced measures include:						
	▲ Original research/project [limit of 2]:						
	► Judged by a panel of professionals in the field that is the focus of the project; or						
	► Conducted under the direction of a mentor(s) and reported to an appropriate audience;						
	 ▲ Test data: ▶ A score of three or above on The College Board Advanced Placement examination (no limit); 						
	 A score on the Preliminary Scholastic Assessment Test (PSAT) that qualifies a studenfor recognition as a: Commended Scholar or higher by the National Merit Scholarship Corporation; as part of the National Hispanic Scholar Program of The College Board; or as part of the National Achievement Scholarship Program of the National Merit Scholarship Corporation. The PSAT score may count as only one advanced measure regardless of the number of honors received by the student. 						
	▲ College courses [no limit]:						
	► A grade of 3.0 or higher on courses that count for college credit, including concurrent enrollment and dual credit programs						
State Testing	Students must meet all testing requirements as outlined on Page 23.						

RHSP AND DAP OPTIONS FOR FOURTH MATH AND SCIENCE

The chart below outlines courses that will satisfy the fourth math and science requirement for students graduating on the Recommended and Distinguished Achievement Programs.

Recomme	nded Program	Distinguished Achievement Program				
Math	Science The 3rd and 4th science credits may be taken concurrently.	Math	Science The 3rd and 4th science credits may be taken concurrently			
Mathematical Models with Applications (taken prior to Algebra II)	Earth and Space Science	Precalculus or Precalculus PreAP	Earth and Space Science			
Precalculus or Precalculus PreAP	Environmental Systems	AP Statistics	Environmental Systems			
AP Statistics	Aquatic Science	AP Calculus AB	Aquatic Science			
AP Calculus AB	Astronomy	AP Calculus BC	Astronomy			
AP Calculus BC	Pathophysiology & Medical Microbiology	Independent Study in Mathematics (Foundations for College Math)	Pathophysiology & Medical Microbiology			
Independent Study in Mathematics (Foundations of College Math)	Anatomy and Physiology	Concurrent Enrollment in Approved College Math	Anatomy and Physiology			
Concurrent Enrollment in Approved College Math	AP Biology	AP Computer Science	AP Biology			
AP Computer Science A	Chemistry	Engineering Mathematics	AP Chemistry			
Engineering Mathematics	AP Chemistry		AP Physics B			
	Physics		AP Physics C			
	AP Physics B		AP Environmental Science			
	AP Physics C		Forensic Science			
	AP Environmental Science		Scientific Research and Design			
	Forensic Science		Forensic Science			
	Scientific Research and Design		Engineering Design & Problem Solving: Infinity or Bioengineering			
	Engineering Design and Problem Solving: Infinity or Bioengineering		Advanced Animal Science			
	Advanced Animal Science		Concurrent Enrollment in Approved College Science Class			
	Concurrent Enrollment in Approved College Science Class					

Additional state-approved courses not offered in LISD may be accepted for transfer credit upon evaluation of the student's transcript.

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STUDENTS ENTERING HIGH SCHOOL 2014-2015 AND AFTER

FOUNDATION HIGH SCHOOL PROGRAM (FHSP) REQUIREMENTS (Students who entered high school prior to 2014-2015 may opt in to this plan)

FOUNDATION WITH ENDORSEMENT	FOUNDATION NO ENDORSEMENT
	THIS PROGRAM REQUIRES ADMINISTRATIVE APPROVAL
English I, II, III and Advanced English ¹ (4 credits)	English I, II, III and Advanced English ¹ (4 credits)
Math (4 credits): Algebra I Geometry Additional Math ² credit Fourth Math ² credit	Math (3 credits): Algebra I Geometry Additional Math ² credit
Science (4 credits): Biological and Physical Sciences: Biology (1) Integrated Physics & Chemistry or Other Science ³ (1) 3rd Science ³ 4th Science ³	Science (3 credits) Biology, and Integrated Physics & Chemistry or Other Science ³ (1) 3rd Science ³
Social Studies (3 credits): World Geography OR World History (1) U.S. History (1) U.S. Government (.5), Economics (.5)	Social Studies (3 credits): World Geography OR World History (1) U.S. History (1) U.S. Government (.5), Economics (.5)
Physical Education or Substitution ⁵ (1 credit)	Physical Education or Substitution ⁵ (1 credit)
Language Other Than English/World Languages (2 credits) Any two levels in the same language; OR Two credits in Computer Programming Language (Exceptions ⁶ may apply for students with disabilities)	Language Other Than English/World Languages (2 credits) Any two levels in the same language; OR Two credits in Computer Programming Language (Exceptions ⁶ may apply for students with disabilities
Fine Arts (1 credit)	Fine Arts ⁷ (1 credit)
Electives (3 credits)	Electives (5 credits)
Endorsement (4 credits) ⁸	Endorsement (None)

NOTE: The DISTINGUISHED LEVEL OF ACHIEVEMENT (DLA) goes beyond the FHSP. For more information on the DLA, see Page 17.

22 CREDITS TOTAL

- 1 Advanced English See complete list of courses which qualify as an Advanced English. Advanced English requirements vary based on Endorsement selected.
- 2 3rd and 4th Math Requirement vary based on the Endorsement selected.
- 3 3rd and 4th Science Requirement vary based on the Endorsement selected.
- 4 Social Studies FHSP does not require both W. Geography and W. History for graduation. Local decisions could add additional requirements. See Page 52 for a comparison of skills acquired in World Geography vs. World History
- 5 PE Credit/Substitution 4 credits of PE or PE substitution may be used toward state graduation requirements. The following courses may be taken as a PE substitution: Cheerleading (Varsity, Jr. Varsity, Freshman); Drill Team; Marching Band (1st 9 weeks only); External PE; Athletics; JROTC. Only one state credit allowed per year.
- 6 LOTE Students with disabilities may be able to take other academic courses as a substitute for this requirement as deemed appropriate by the ARD/504 committee.
- 7 Fine Arts credit must be earned from the following list of courses: Art I-IV, all AP Art, Orchestra I-IV, Choir I-IV, Dance I, Theatre Arts I-IV, Theatre Production I-IV, Technical Theatre I-IV, Band I-IV, Music Theory.
- 8 Endorsements See Selecting an Endorsement on Page 17.

26 CREDITS TOTAL

Courses which can count in two different categories may satisfy the requirements for both but one will receive a credit and one will be considered as a waiver and no additional credit will be awarded.

IT IS THE STUDENT'S – PARENT'S / GUARDIAN'S RESPONSIBILITY TO BE CERTAIN THAT THE STUDENT MEET ALL THE REQUIREMENTS FOR GRADUATION.

FOUNDATION HIGH SCHOOL PLAN CORE COURSE OPTIONS

The chart below outlines a list of LISD courses that will satisfy core course options for the Foundation High School Plan. Department titles are aligned with the titles on the previous page. Unless specified otherwise, students may complete one full credit or a combination of two half credits from two different courses to satisfy requirements. See course descriptions located throughout the guide for course details. Courses with an asterisk are Career and Technology (CTE) courses and will satisfy requirements in specific endorsement areas.

Advanced English Courses	Additional Math	Fourth Math	Other Science (2nd)	Third & Fourth Science
	Courses	Courses	Courses	Courses
The following LISD courses meet the State Board of Education requirements as an "Advanced English" course. One full credit needed. English IV AP English Lit & Composition Advanced Broadcast Journalism III College Prep ELA Communications Applications Creative Writing Debate III Humanities: The Elizabethan Age Independent Study English Independent Study in Journalism Independent Study in Speech Advanced Journalism: Newspaper III Advanced Journalism: Yearbook III Literary Genres: Science Fiction Literary Genres: Multicultural Lit Public Speaking III	The following LISD courses meet the State Board of Education requirements as an "Additional Math" course. Algebra 2 AP Calculus AB AP Calculus BC AP Computer Science AP Statistics Engineering Mathematics* Independent Study In Mathematics (Foundations of College Math) Math Models with Applications Precalculus	The following LISD courses meet the State Board of Education requirements as an "Fourth Math" course. Algebra 2 AP Calculus AB AP Calculus BC AP Computer Science AP Statistics Engineering Mathematics* Independent Study In Mathematics (Foundations of College Math) Precalculus	The following LISD courses meet the State Board of Education requirements as an "Other Science (2nd)" course. Requires 1 full credit in one course below. Chemistry AP Chemistry Physics AP Physics 1: Algebra-Based	The following LISD courses meet the State Board of Education requirements as a 3rd or 4th Science course. Advanced Animal Science* Advanced Biotechnology* Advanced Plant & Soil Science* Anatomy & Physiology* AP Biology AP Chemistry AP Environmental Science AP Physics 1: Algebra-Based AP Physics 2: Algebra-Based AP Physics C Aquatic Science Astronomy Chemistry Earth and Space Science Engineering Design & Problem Solving* Environmental Systems Forensic Science* Medical Microbiology* Pathophysiology* Physics

FHSP ENDORSEMENTS

Students may earn an endorsement in the following areas: Arts & Humanities; Business & Industry; Multidisciplinary; Public Service; and Science, Technology, Engineering & Math. Each of the U. S. Department of Education's Career Clusters System is further categorized under these five endorsements (See pages 20-22). LISD offers courses in 15 of the 16 career clusters. For a complete list of LISD courses in each cluster, please see pages 64-65. Most endorsements offer either a Career and Technical Education (CTE) Pathway and a Non-CTE Pathway. Please note that core course requirements differ based on the endorsement selected. See *Core Course Requirements by Endorsement* for more information.

A student may earn an endorsement by successfully completing:

- curriculum requirements for the endorsement
- \$\$ four credits in mathematics
- \$5 four credits in science
- two additional elective credits

Students should select courses leading towards an endorsement based on areas or interest, student strengths, or possible career paths. Additional information on selecting an endorsement can be found in this guide.

BENEFITS OF GRADUATING WITH AN ENDORSEMENT

The Texas Education Agency, in consultation with the Texas Workforce Commission (TWC) and the Texas Higher Education Coordinating Board (THECB), must prepare and make available to each school district in English and Spanish information that explains the advantages of the distinguished level of achievement and each endorsement.

The information must contain an explanation:

- concerning the benefits of choosing a high school personal graduation plan that includes the distinguished level of achievement under the foundation high school program and includes one or more endorsements to enable the student to achieve a class rank in the top 10 percent for students at the campus; and
- that encourages parents, to the greatest extent practicable, to have the student choose a high school personal graduation plan.

FHSP PERFORMANCE ACKNOWLEDGEMENTS.

Students may earn a performance acknowledgement on the student's diploma and transcript by Outstanding Performance in the following areas:

- In a dual credit course At least 12 dual credit hours as part of Texas core curriculum or advanced technical credit with a grade of 3.0 or higher on 4.0 scale
- \$\times \text{In bilingualism and bi-literacy}
- On an AP test or IB exam
 - o Score of 4 or 5 on AP exam; or
 - o Score of 5 on IB exam

- Sign On the PSAT, the ACT-Plan, the SAT, or the ACT
 - o PSAT commended scholar, National Hispanic Scholar, National Achievement Scholar;
 - o ACT PLAN college readiness in 2 of 4 subject tests
 - o SAT combined Critical Reading and Math of at least 1250
 - o ACT composite of 28
- Earning a nationally or internationally recognized business or industry certification or license
 - Examination performance to obtain national or international business or industry certification; or
 - Examination performance to obtain a government-required credential to practice a profession.

FHSP DISTINGUISHED LEVEL OF ACHIEVEMENT

The Distinguished Level of Achievement replaces the current Distinguished Achievement Plan as the highest graduation plan in the state of Texas for students entering high school in 2014-2015 and thereafter. In order to be considered for Top Ten Percent Automatic Admission in Texas Public Universities, graduates MUST earn a Distinguished Level of Achievement diploma.

A student may earn a Distinguished Level of Achievement by successfully completing:

- the curriculum requirements for Foundation High School Program
- the curriculum requirements for one or more Endorsements
- additional coursework to include:
 - o four credits in mathematics, which must include Algebra II
 - o four credits in approved science courses (TBD by SBOE)
 - o two additional elective credits

BENEFITS OF THE DISTINGUISHED LEVEL OF ACHIEVEMENT

Choices determine options. Most of the very best jobs available now and in the future require education and training beyond a high school diploma. Whether you intend to pursue a high-demand, industry workforce credential from a community or technical college or a traditional four-year degree from a university, the choices made in high school will determine your future options.

To best prepare yourself now for the transition to post-high school Education or quality workforce training, choosing and taking the right classes is essential. The Distinguished Level of Achievement will ensure the best preparation for your future.

Why it matters — **Benefits.** The Distinguished Level of Achievement opens a world of educational and employment opportunities for you beyond high school. The Distinguished Level of Achievement will:

- Allow you to compete for Top 10% automatic admissions eligibility at any Texas public university;
- Position you among those first in line for a TEXAS Grant* to help pay for university tuition and fees: and
- Ensure you are a more competitive applicant at the most selective colleges and universities.

^{*}Must be financially qualified

What it means. The Distinguished Level of Achievement requires more math and more science than the Foundation High School Program. The Distinguished Level of Achievement requires:

- A total of four credits in math, including Algebra II;
- · A total of four credits in science; and
- Successful completion of an endorsement in your area of interest.

Advantages.

- Opportunity to earn an endorsement in an area of interest
- More college and university options
- · More financial aid options
- Better preparation for college-level coursework at community/technical colleges and universities
- Opportunity for immediate enrollment in classes related to your chosen field of study
- Strong foundation to successfully complete an industry workforce credential or college degree

Source: http://tea.texas.gov/communications/brochures.aspx

SELECTING AN ENDORSEMENT

Lewisville ISD has a number of different tools that students may use to help select an endorsement for the Foundation High School Program. One of the most powerful tools is Career Cruising. Each secondary student has a personal "My Plan" account through Career Cruising and participates in activities starting in the sixth grade.

Career Cruising is an internet based career exploration and planning tool to help LISD secondary students explore career and college options and develop a career plan. Career Cruising can be accessed from home or school or anywhere the student has access to the Internet. Career Cruising's Parent Portal provides parents and guardians access to their child's My Plan work as well.

Career Cruising allows students to:

- View a summary of the information they have saved;
- Track their progress as they work towards campus/district requirements;
- Access their information from anywhere in the program;
- Understand how their skills and abilities are related to various careers;
- \$\ Identify careers that suit their interests;
- Significant Discover how they best learn and retain information; and
- \$\frac{1}{2}\$ Access information about post-secondary institutions, including financial aid options.

Completing these activities will give students a sense of where their strengths, interests and abilities lie. During eighth grade, all students will design a four-year plan and select an endorsement. The endorsement may be changed at any time during the student's four years of high school. When selecting courses for the upcoming school year, Career Cruising will identify career clusters that seem to match information from previous student activities and course selections. Students may search LISD course offerings by career cluster and add them to their four-year plan for upcoming years. Campus counselors will advise students during the registration process and throughout the student's high school career, helping them select courses and endorsements that align with their interests and future career goals. Sample four-year plans for all graduation plans are included in the appendix of this guide. Additional plans illustrate various endorsements will be available in Career Cruising.

All high school students will enter their course requests for the 2015-16 school year through Career Cruising. All students and parents are asked to explore all components of Career Cruising prior to registration.

CORE COURSE REQUIREMENTS BY ENDORSEMENT

No Endorsement, Arts & Humanities, and Business & Industry

Course	Arts & Humanities	Business & Industry	Multidisciplinary
English/Language	English 1 (1)	English 1 (1)	English 1 (1)
Arts	English 2 (1)	English 2 (1)	English 2 (1)
	English 3 (1)	English 3 (1)	English 3 (1)
	English 4 (1) or Adv Eng ²	English 4 or Adv Eng ²	English 4 ^{2A} (1) or Adv Eng ²
Math	Algebra 1 (1)	Algebra 1 (1)	Algebra 1 (1)
	Geometry (1)	Geometry (1)	Geometry (1)
	Additional Math (1)	Additional Math (1)	Additional Math (1)
	Fourth Math	Fourth Math	Fourth Math (1)
Science	Biology (1)	Biology (1)	Biology (1)
	IPC or Other (1)	IPC or Other (1)	IPC or Other (1)
	3rd Science (1) or 2 (.5)	3rd Science (1) or 2 (.5)	Chem or Physics ⁶ or 3rd
			Science (1)
	4th Science (1) or 2 (.5) or	4th Science (1) or 2 (.5)	4th Science (1) or 2 (.5)
	Exception ³		
Social Studies	W. Geography (1)	W. Geography (1)	W. Geography (1)
	OR W. History (1)	OR W. History (1)	OR W. History (1)
	U.S. History (1)	U.S. History (1)	U.S. History (1)
	Govt (.5)	Govt (.5)	Govt (.5)
	Eco (.5)	Eco (.5)	Eco (.5)
LOTE ⁴	LOTE 1 or Computer Science	LOTE 1 or Computer Science	LOTE 1 or Computer Science
W. Language OR	LOTE 2 or Computer Science	LOTE 2 or Computer Science	LOTE 2 or Computer Science
Computer Science	OR Exceptions	OR Exceptions	OR Exceptions
Fine Art	Fine Art (1)	Fine Art (1)	Fine Art (1)
PE	PE (1)	PE (1)	PE (1)
Endorsement	Endorsement (4)	Endorsement (4)	Endorsement (4)
Electives	Electives (3.0)	Electives (3.0)	Electives (3.0)
Total Credits	26	26	26

¹ The option for No Endorsement is not available until after completion of the sophomore year and requires parent and administrative approval

- 2 See Advanced English course list. Can also combine 2 (.5) credit courses.
- 2A English 4 is required for SOME of the non-CTE pathways for the Multidisciplinary endorsement.
- 3 Students pursuing an Arts & Humanities Endorsement may replace the 4th Science requirement with an additional credit in ELA, Social Studies, LOTE (World Language), or Fine Arts with parent approval.
- 4 There are possible exceptions to the Languages Other Than English (LOTE)/World Language requirements for students with disabilities and students who may be unable to complete the 2nd LOTE level successfully.
- 5 Mathematics courses which have Algebra 2 or higher as a prerequisite. See Math department.
- 6 Some Multidisciplinary endorsements require Chemistry or Physics.
- 7 Some Arts & Humanities endorsements require 4 credits of Social Studies.

CORE COURSE REQUIREMENTS BY ENDORSEMENT

Multidisciplinary, Public Services, & STEM

Course	Public Services	STEM	No Endorsement ¹
English/Language	English 1 (1)	English 1 (1)	English 1 (1)
Arts	English 2 (1)	English 2 (1)	English 2 (1)
	English 3 (1)	English 3 (1)	English 3 (1)
	English 4 ^{2A} (1) or Adv Eng ²	English 4 (1) or Adv Eng ²	English 4 (1) or Adv Eng ²
Math	Algebra 1 (1)	Algebra 1 (1)	Algebra 1 (1)
	Geometry (1)	Geometry (1)	Geometry (1)
	Additional Math (1)	Algebra 2 (1)	Additional Math (1)
	Fourth Math (1)	Advanced Math (1) ⁵	
Science	Biology (1)	Biology (1)	Biology (1)
	IPC or Other (1)	Chemistry (1)	IPC or Other (1)
	3rd Science (1) or 2 (.5)	Physics (1)	3rd Science (1) or 2 (.5)
	4th Science (1) or 2 (.5)	Advanced Science (1)	English 1 (1)
Social Studies	W. Geography (1)	W. Geography (1)	W. Geography (1)
	OR W. History (1)	OR W. History (1)	OR W. History (1)
	U.S. History (1)	U.S. History (1)	U.S. History (1)
	Govt (.5)	Govt (.5)	Govt (.5)
	Eco (.5)	Eco (.5)	Eco (.5)
LOTE ⁴	LOTE 1 or Computer Science	LOTE 1 or Computer Science	LOTE 1 or Computer Science
W. Language	LOTE 2 or Computer Science	LOTE 2 or Computer Science	LOTE 2 or Computer Science
Comp Prog	OR Exceptions	OR Exceptions	OR Exceptions
Fine Art	Fine Art (1)	Fine Art (1)	Fine Art (1)
PE	PE (1)	PE (1)	PE (1)
Endorsement	Endorsement (4)	Endorsement (4)	Endorsement (4)
Electives	Electives (3.0)	Electives (3.0)	Electives (3.0)
Total Credits	26	26	26

- 1 The option for No Endorsement is not available until after completion of the sophomore year and requires parent and administrative approval
- 2 See Advanced English course list. Can also combine 2 (.5) credit courses.
- 2A English 4 is required for SOME of the non-CTE pathways for the Multidisciplinary endorsement.
- 3 Students pursuing an Arts & Humanities Endorsement may replace the 4th Science requirement with an additional credit in ELA, Social Studies, LOTE (World Language), or Fine Arts with parent approval.
- 4 There are possible exceptions to the Languages Other Than English (LOTE)/World Language requirements for students with disabilities and students who may be unable to complete the 2nd LOTE level successfully.
- 5 Mathematics courses which have Algebra 2 or higher as a prerequisite. See Math department.
- 6 Some Multidisciplinary endorsements require Chemistry or Physics.
- 7 Some Arts & Humanities endorsements require 4 credits of Social Studies.

ADDITIONAL INFORMATION

STATE ASSESSMENTS AND GRADUATION REQUIREMENTS

State legislation phased out the Texas Assessment of Knowledge and Skills (TAKS) assessments (grade 9 through exit level) and replaced them with end-of-course (EOC) assessments beginning in the 2011–2012 school year. Students first enrolled in grade 9 or below in the 2011–2012 school year are required to take the STAARTM EOC assessments as part of their graduation requirement and will no longer take high school TAKS.

House Bill 5, passed in June 2013, reduced the number of State of Texas Assessments of Academic Readiness (STAAR) end-of-course exams high school students must take to graduate from 15 to 5.

STAAR[™] GRADUATION REQUIREMENTS

The five assessments under HB 5 include Algebra I, English I (combined reading/writing), English II (combined reading/writing), biology, and U.S. History. Previously, high school students were required to pass 15 STAAR tests to meet graduation requirements. Beginning in spring 2014, HB 5 required reading and writing be combined and given in a single day. High school students who have not successfully completed a separate reading or writing assessment now take the new combined English I or English II test.

Assessments in Algebra II, geometry, English III, chemistry, physics, world geography, and world history have been eliminated from the testing requirements. As a result, the July 2013 STAAR administration did not include assessments for these courses. End-of-course assessments will continue to be required in Algebra I, English II, biology and United States History.

It is the student's - parent's / guardian's responsibility to be certain that the student meets ALL of the requirements for graduation.

GRADE POINT AND RANKING CALCULATION 2015 - 2016

Below is a list of the three Grade Point Average (GPA) and their uses:

- Weighted Numerical Scale GPA used to determine Rank in Class (RIC)
- Weighted 4.0 Scale NCAA Eligibility Center, scholarships, other requests
- Unweighted 4.0 Scale Many colleges and universities

Only grades in the areas of English, Mathematics, Science, Social Studies, Languages Other Than English, Advanced Placement and ACDEC will be used for determining GPA and RIC.

For students entering high school as freshmen in 2011-12 and thereafter the levels of difficulty are:

- Level 3 = 1.3 Advanced Placement (AP) Courses
- Level 2 = 1.2 Pre-AP and designated courses
- Level 1 = 1.1 General education courses
- Level 0 = 1.0 Courses modified in content (includes courses at night school and LLC)

For students entering high school as freshmen prior to 2011-2012, the levels of difficulty are:

- Level 2 = 1.2 Pre-AP and AP Courses
- Level 1 = 1.1 General education courses
- Level 0 = 1.0 Courses modified in content

Grades are weighted as according to the levels above. For example, a grade in a Level 2 course (each .5 credit) is multiplied by 1.2. After the grade multiplier is applied, all the weighted grades are totaled and the total is divided by the number of courses (each .5 credit) taken.

Below is an example of how to calculate the weighted numerical GPA (which determines RIC) for the fall grades of a 9th grade student.

Courses	Credit	Semester	Course GPA Level	Semester for GPA Calc	Actual Grade	Х	Multiplier	=	Grade Points
Eng 1 PAP	.5	Α	2	1	87	X	1.2		104.4
Bio 1	.5	А	1	1	88	Χ	1.1	=	96.8
Dance	.5	Α	N/A	0	92		N/A		N/A
Health	.5		N/A	0	98		N/A		N/A
Eng 1 PAP	.5	В	2	1	91	Х	1.2	=	109.2
Bio 1	.5	В	1	1	72	Χ	1.1	=	79.2
Dance	.5	В	N/A	0	86		N/A		N/A
Speech	.5		N/A	0	78	•	N/A		N/A
TOTAL	4.0			4		_			389.6

Total Grade Points 389.6 divided by courses (semesters) which count in GPA = 4. GPA = 97.4

The GPA of each student is placed in numerical order, with the highest GPA being assigned the Rank in Class of number one, the second highest number two, etc. The student's final RIC will be determined at the end of the 3rd nine weeks of the senior year.

➤ For students entering high school 2011-2012 and thereafter, correspondence courses, online courses, distance learning, night school courses and dual credit courses in specific content areas ARE included in the RIC and GPA calculation. Summer school, credit by

acceleration exam, credit by exam for credit recovery, credit recovery courses and high school courses taken at the middle school are not included in the GPA calculation for RIC determination. Courses taken prior to the Fall semester of the student's 9th grade year WILL NOT count in GPA calculation for RIC determination, unless taken on a high school campus.

The **Valedictorian** will have the highest numerical rank (RIC) based on four years of work. Early graduates (those not completing 4 years) are not eligible for this award.

The **Salutatorian** will have the second highest rank (RIC) based on four years of work. Early graduates are not eligible for this award. See EIC Local Board Policy for additional information.

<u>Valedictorian and Salutatorian Eligibility.</u> To be eligible for such recognition, a student who entered grade 9 in the 2011–12 school year must have been continuously enrolled in the same high school in the district for the entire two semesters immediately preceding graduation.

Beginning with students who entered grade 9 in the 2012–13 school year, to be eligible for such recognition, a student must have been continuously enrolled in the same high school the district for the entire four semesters immediately preceding graduation.

TRANSFER GRADES

Students who transfer to Lewisville schools from other U.S. schools with letter grades will receive the following numerical-grade equivalencies if there is no numerical equivalency on the transcript. If there is a range, the midpoint grade will be used.

A+	=	98	B+	=	88	C+	=	79	D+	=	74
Α	=	95	В	=	85	С	=	77	D	=	72
A-	=	91	B-	=	81	C-	=	75	D-	=	70
									F	=	69

CREDIT ACCRUAL AND CLASSIFICATION

DETERMINING CREDIT FOR FULL-TERM COURSES

Beginning with the 2012-2013 school year, a student may receive full credit for a 1.0 credit course if ONE of the standards below is met.

- 1. The student passes both semesters of the course with a 70 or above in each 9 weeks
- 2. The student fails the first semester of the course but has a sufficient score on the second semester resulting in a grade of 70 or higher when averaged with the first semester
- 3. The student passes the first semester and scores **65 or above** on the 2nd semester. **IF** the two semester grades averaged together result in a grade of 70 or higher, the student will receive full credit for the course. If the student scores below a 65 on the second semester, the second semester must be repeated and passed regardless of the student's grade in the first semester

This grading policy also applies to high school courses taken in middle school beginning with the 2013-2014 school year with exception to number 3. Students must receive **FULL** credit in the high school or the **ENTIRE** course must be repeated.

Students are not allowed to average the following for full credit:

- Summer school grades with grades earned during the school year
- Distance learning courses with grades earned during the school year
- · Credit Recovery courses with grades earned during the school year
- A & B semester grades cannot be averaged for the following: CBE grades, summer school courses, or credit recovery courses.

STUDENT CLASSIFICATION

Freshman (9th grade) below 6 credits **Junior** (11th grade) 12 credits **Sophomore** (10th grade) 6 credits **Senior** (12th grade) 18 credits

Students will be reclassified at the end of each term (January & June) if warranted due to graduation status or state testing requirements.

HIGH SCHOOL COURSES TAKEN AT MIDDLE SCHOOL LEVEL

To receive credit for a high school course taken at the middle school level, a student must successfully complete the entire course. Students may grade average for full credit IF the second half of the course is a 65 or higher. See Determining Credit for Full-Term Courses for more information.

Algebra I: Students taking Algebra I at the middle school level will receive high school credit for course mastery. The grade will NOT be used to determine the student's GPA/RIC rank in class.

Geometry and Algebra II: Students taking Geometry and Algebra II at the high school prior to the 9th grade year will receive high school credit toward graduation. These grades WILL count towards the high school GPA and RIC calculation. The credits will count towards the four required math credits for graduation. If taken at the middle school, they will count toward graduation credit but not in high school GPA or RIC.

Languages Other Than English: LISD offers Spanish in middle school for high school credit. Some campuses allow students to take Spanish 1 over a two-year period (7th and 8th). These students receive 1 credit for Spanish 1 after successful completion of both years. Other campuses offer Spanish 1 over a one-year period (7th or 8th) and Spanish 2 over a one-year period (8th). Students will receive 1 high school credit for completion of each course (Spanish 1 and Spanish 2) for a total of 2 high school credits. These courses will count towards graduation credit but will not count in high school GPA or RIC.

ALTERNATIVE METHODS OF CREDIT ACCRUAL

Distance Learning

LISD provides students with the opportunity to participate in an online course as part of the high school experience.

For students entering high school **2011-2012** and thereafter, distance learning courses in specific content areas ARE included in the GPA and RIC calculation. Courses taken prior to the Fall semester of the student's 9th grade year WILL NOT count in GPA and RIC calculation.

Note: These courses will appear on the transcript, regardless of whether they are included in the GPA and RIC calculation.

These courses are subject to UIL No Pass/No Play rule. The NCAA Eligibility Center MAY NOT accept distance learning courses for college entrance and eligibility. It is the responsibility of the parent/guardian/student to determine whether these courses meet NCAA eligibility standards.

Virtual Learning Academy

The LISD Virtual Learning Academy (VLA) provides opportunities for students to complete a portion of their graduation requirements through online and blended learning. Students may take online courses within the school day or outside the school day to supplement their regular instructional program. Fees apply for supplemental VLA courses.

VLA Online courses are locally developed and meet the goals of Strategic Design and the state's high standards for teaching and learning. Instruction and content are delivered primarily over the Internet, and students may have opportunities to meet face-to-face for collaboration, group work and personalized instruction.

VLA blended courses are also locally developed and meet the goals of Strategic Design and the state's high standards for teaching and learning. Instruction and content are delivered primarily over the Internet, and students meet twice a week on campus for collaboration, group work, practice and personalized instruction. Not all courses are offered on all campuses.

Information about LISD online and blended courses is located at http://vla.lisd.net. Course descriptions can be found under the appropriate department in this guide.

Texas Virtual School Network

The **Texas Virtual School Network** (TxVSN) provides online high school courses to students in public school districts and serves a clearinghouse of rigorous online courses offered by approved providers. All courses have been approved by the Texas Education Agency and meet the state's high standards for teaching and learning. Students may have options to take courses as part of the school day or outside the school day to supplement their regular instructional program. Fees vary by the course and the providing district. The providing district sets the calendar for TxVSN classes and students must follow the schedule and guidelines set in each course.

The Virtual Learning Academy (VLA) processes TxVSN registrations upon counselor and district approval. Information about TxVSN courses is located at http://vla.lisd.net and http://txvsn.org. Reference policy EHDE(Legal) for more information about TxVSN.

Dual Credit Program

LISD offers the opportunity to earn dual credit, i.e., credit toward high school and college simultaneously. Students are responsible for all financial requirements including tuition, fees and textbooks. With the exception of Technical Preparation Career and Technical Education dual credit courses, students' applications for dual credit must be submitted at least two weeks prior to the beginning of the college semester in the academic year desiring dual credit. If you are interested in learning more about dual credit, contact your school counselor.

For students entering high school 2011-2012 and thereafter, dual credit courses in specific content areas ARE included in the GPA and RIC calculation as a LEVEL 2 course. Courses taken prior to the Fall semester of the student's 9th grade year WILL NOT count in GPA and RIC calculation. Students may enroll in dual credit courses during their junior or senior year if appropriate criteria is met.

To take a dual credit course, the following criteria must be met:

- 1. Juniors and seniors are eligible for dual credit.
- 2. Courses will be limited to those that are applicable to high school graduation requirements and approved for dual credit.
- 3. Participants must be able to attend classes on the high school campus for 3 of the 4 blocks.
- 4. The grade earned at the college level will be recorded on the student high school transcript.
- 5. Half credit will be awarded per semester of any approved college course.
- 6. Meet all deadlines and requirements established by the college.

STUDENTS MUST EARN A GRADE OF 70 OR HIGHER IN THE DUAL CREDIT COURSES IN ORDER TO EARN HIGH SCHOOL CREDIT.

Credit Recovery

Credit Recovery Labs are utilized in LISD for students to retake core graduation courses in a timely and flexible manner that meets their specific needs. Credit Recovery Labs use computer instruction courseware and provide expanded opportunities for students to recover credit based on their achievement and needs, not on the district calendar. Supplemental assignments such as reports, notes, offline exercises, and research papers are required in many of the courses. The LISD Credit Recovery Program is committed to providing students with a quality learning experience with the flexibility to meet their needs in recovering credit and also the knowledge and skills needed for their futures. The NCAA Eligibility Center WILL NOT accept Credit Recovery courses for college entrance and eligibility.

CURRICULUM GUIDE COMPLIANCE

This curriculum guide complies with all civil rights guidelines and all Federal Title IX requirements. Students are accepted into career and technical programs without regard to sex, race, color, national origin or handicapping condition.

LISD PROGRAMS

ADVANCED PLACEMENT PROGRAM

The Texas Education Agency (TEA), in conjunction with The College Board, is encouraging the incorporation of Advanced Placement strategies into high school courses. Lewisville ISD, in order to prepare students for the Advanced Placement testing opportunity, has expanded the Advanced Placement strand throughout the curriculum. These courses will be designated "Pre-Advanced Placement" or "Advanced Placement".

These courses are designed to enhance learning and level of challenge. Pre-Advanced Placement and Advanced Placement courses provide a rigorous curriculum; furthermore, universities across the country recognize the quality inherent in Advanced Placement designated courses.

Advanced Placement Courses for College Credit. College credit may be granted by a university based upon Advanced Placement examination scores; therefore, all students enrolled in an Advanced Placement course are encouraged to take the Advanced Placement exam for that course. Consequently, students will have more opportunities to earn college credit. There is a fee for each exam. Information on fee reductions and exam subsidies, based on financial need, are available through the high school testing coordinator. NOTE: Pre-Advanced Placement courses prepare the student for the challenge of the Advanced Placement course. Pre-Advanced Placement courses do not include examinations for college credit.

ADVANCEMENT VIA INDIVIDUAL DETERMINATION (AVID)

Advancement Via Individual Determination (AVID) is a college readiness system for elementary through higher education that is designed to increase school-wide learning and performance. The AVID College Readiness System (ACRS) accelerates student learning, uses research-based methods of effective instruction, provides meaningful and motivational professional learning, and acts as a catalyst for systemic reform and change.

The AVID Curriculum is based on rigorous standards, socratic seminars, writing skills, inquiry, collaboration, organization, and critical reading. The students actively engage in college awareness activities and receive strong support to access rigorous curriculum in the other core content areas, using the curricular resources to aid in their success. Students who wish to apply to the AVID program should ask their counselor for the forms outlining the process to join this academic elective course. Enrollment in the AVID program requires a commitment to the 36-week term, resulting in one course credit at the end of the school year.

The AVID program is not offered at all campuses. Please check with your counselor to find out if your school has this program. Acceptance is contingent upon parent approval.

GIFTED / TALENTED SERVICES

Secondary services for gifted and talented occur via a variety of course offerings. Teachers who serve Gifted/Talented (GT) students participate in professional learning opportunities specifically designed to meet the unique educational needs of the gifted. Students qualifying for gifted services may participate in any one, or combination of courses, listed below:

GRADE	COURSE	GPA LEVEL
9th	Pre-AP English	2
	Pre-AP World Geography*	2
	OR	
	AP Human Geography*	3
	OR	
	AP World History*	3
	Any Pre-AP Math Course	2
	Any Pre-AP/AP Science Course	2/3
10th	Pre-AP English II	2
	AP World History	3
	OR	
	Pre-AP World Geography	2
	Any Pre-AP/AP Math Course	2/3
	Any Pre-AP/AP Science Course	2/3
11th	AP English III*	3
	AP U.S. History	3
	Any Pre-AP/AP Math Course	2/3
	Any Pre-AP/AP Science Course	2/3
12th	AP English IV	3
	Any AP Math Course	3
	Any AP Science Course	3

^{*}Social studies requirements may change for entering freshman students due to new graduation requirements under the Foundation High School Program (FHSP). Campus counselors will have the most up-to-date information during registration and will be able to effectively advise your child. For more information on the FHSP, please refer to the that section in the guide.

Students may also be served through AP course offerings in the fine arts, electives, business courses, or participation in student clubs and organizations.

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CORE COURSE LISTINGS

ENGLISH - LANGUAGE ARTS

NOTES: All students are required to complete four required English credits. All courses are college preparatory courses.

- A. Required courses may include English I, English II, English III, and English IV.
- B. Required courses may include English I Pre-Advanced/GT Placement, English II Pre-Advanced Placement/GT, English III Advanced Placement/GT, English IV Advanced Placement GT.
 - 1. Pre-Advanced Placement refers to attitudes and strategies, depth and understanding of course content; it does not define the particular works to be studied.
 - 2. Students in Pre-Advanced Placement and Advanced Placement classes must be prepared to do rigorous homework assignments that demand considerable time outside of class hours.
- C. Advanced Placement refers to college-level courses offered at the high school level. In order to receive college credit, students must earn a 3 or better on College Board tests in either/both English Language and Composition (content taught in English III Advanced Placement) and/or English Literature and Composition (content taught in English IV Advanced Placement). Students need to check with their college or university of choice to find out how or if credit is awarded. All Advanced Placement students are encouraged to take the Advanced Placement exam for that course. There is a fee for each exam. Information on fee reductions and exam subsidies, based on financial need, are available through the high school testing coordinator.
- D. English elective courses do NOT satisfy the four-credit English requirement for MHSP, RHSP, or DAP. They will satisfy the *Advanced English* requirement on the FHSP.
- E. English I and English II or English II and English III may NOT be taken concurrently. English III and English IV may be taken concurrently when a senior will graduate at the end of the term.
- F. All courses in this section count toward GPA.

19250000 English I, 1 credit

Grade: 9

Recommendation: None

In English I, students expand their skills in writing and reading through an integrated study of composition, including grammar and mechanics, and literature.

19250021 ENGLISH I PRE-ADVANCED PLACEMENT, 1 credit

Grade: 9

Recommendation: None

English I Pre-Advanced Placement is an accelerated course for students with advanced writing and reading skills and a willingness to complete rigorous homework assignments.

19251000 EngLish II, 1 credit

Grade: 10

Recommendation: English I

English II builds on the integrated study of composition, including grammar and mechanics, and literature.

GPA Level: 1

GPA Level: 2

GPA Level: 1

19251021 English II Pre-Advanced Placement, 1 credit

Grade: 10

Recommendation: English I

English II Pre-Advanced Placement is an accelerated course for students with advanced writing and reading skills.

19252000 English III, 1 credit

Grade: 11

Recommendation: English I & II

English III includes an integrated study of composition, rhetoric, and a particular focus on college-level reading analysis across genres. The course features extensive skill instruction in both research and writing.

19252137 ENGLISH III - BLENDED, 1 credit

GPA Level 1

GPA Level: 2

GPA Level: 1

Grade: 11

Recommendation: English I & II

English III includes an integrated study of composition, rhetoric, and a particular focus on college-level reading analysis across genres. The course features extensive skill instruction in both research and writing. Instruction and content are delivered primarily over the Internet, and students may have opportunities to meet face-to-face for collaboration, group work, and personalized instruction. **This course may not be available at all campuses.**

19252020(A) / 19252120(B) ENGLISH III - ONLINE, 1 credit

GPA Level: 1

Grade: 11

Recommendation: English I & II

English III includes an integrated study of composition, rhetoric, and a particular focus on college-level reading analysis across genres. The course features extensive skill instruction in both research and writing. Instruction and content are delivered primarily over the Internet, and students may have opportunities to meet face-to-face for collaboration, group work, and personalized instruction.

19251936(A)/19252036(B) ENGLISH III DUAL CREDIT, 1 credit

GPA Level: 2

Grade 11

Recommendation: English I & II

This course is an intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Students develop research-based expository and persuasive texts. Emphasis on effective rhetorical choices and ethical inquiry, including audience, purpose, arrangement, and style, and utilizing primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis. Students/Parents/Guardians are responsible for all tuition, fees, and textbook costs. This course is equivalent to college level English 1301 and 1302, Composition I and II.

19252002 ENGLISH III ADVANCED PLACEMENT, 1 credit

GPA Level: 3

Grade: 11

Recommendation: English I & II

English III Advanced Placement is an accelerated course preparing students to pass the **Advanced Placement Language and Composition** test which may result in college credit.

19252037 ENGLISH III ADVANCED PLACEMENT - BLENDED, 1 credit

Grade: 11

Recommendation: English I & II

English III Advanced Placement is an accelerated course preparing students to pass the Advanced Placement Language and Composition test which may result in college credit. Instruction and content are delivered primarily over the Internet, and students meet twice a week on campus for collaboration, group work, practice and personalized instruction. **This course may not be offered on all campuses.**

19252220(A)/19252320(B) ENGLISH III ADVANCED PLACEMENT - ONLINE, 1 credit GPA Level: 3

Grade: 11

Recommendation: English I & II

English III Advanced Placement is an accelerated course preparing students to pass the Advanced Placement Language and Composition test which may result in college credit. Instruction and content are delivered primarily over the Internet, and students may have opportunities to meet face-to-face for collaboration, group work and personalized instruction.

19253000 ENGLISH IV, 1 credit

Grade: 12

Recommendation: English I, II, & III

English IV includes an integrated study of composition, rhetoric, and a particular focus on college-level reading analysis across genres. The course features extensive skill instruction in both research and writing.

19253137 ENGLISH IV - BLENDED, 1 credit

Grade: 12

Recommendation: English I, II, & III

English IV includes an integrated study of composition, rhetoric, and a particular focus on college-level reading analysis across genres. The course features extensive skill instruction in both research and writing. Instruction and content are delivered primarily over the Internet, and students may have opportunities to meet face-to-face for collaboration, group work, and personalized instruction. **This course may not be available at all campuses**

19253090(A)/19253190(B) ENGLISH IV - ONLINE, 1 credit

Grade: 12

Recommendation: English I, II, & III

English IV includes an integrated study of composition, rhetoric, and a particular focus on college-level reading analysis across genres. The course features extensive skill instruction in both research and writing. Instruction and content are delivered primarily over the Internet, and students may have opportunities to meet face-to-face for collaboration, group work, and personalized instruction.

19253002 ENGLISH IV ADVANCED PLACEMENT, 1 credit

Grade: 12

Recommendation: English I, II, & III

English IV Advanced Placement is an accelerated course that prepares students to pass the **Advanced Placement Literature and Composition** test which may result in college credit.

GPA Level: 3

GPA Level: 1

GPA Level: 1

GPA Level: 1

GPA Level: 3

19253237 ENGLISH IV ADVANCED PLACEMENT- BLENDED, 1 credit

Grade: 12

Recommendation: English I, II, & III

English IV Advanced Placement is an accelerated course that prepares students to pass the Advanced Placement Literature and Composition test, which may result in college credit. Instruction and content are delivered primarily over the Internet, and students meet twice a week on campus for collaboration, group work, practice and personalized instruction. **This course may not be available at all campuses.**

19253290(A) / 19253590(B) ENGLISH IV ADVANCED PLACEMENT-ONLINE, 1 credit GPA Level: 3

Grade: 12

Recommendation: English I, II, & III

English IV Advanced Placement is an accelerated course that prepares students to pass the Advanced Placement Literature and Composition test, which may result in college credit. Instruction and content are delivered primarily over the Internet, and students may have opportunities to meet face-to-face for collaboration, group work and personalized instruction.

19252136(A)/ 19252236 (B) ENGLISH IV, DUAL CREDIT 1 credit

Grade 12

Recommendation: English I, II, III

This course is an intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Students develop research-based expository and persuasive texts. Emphasis on effective rhetorical choices and ethical inquiry, including audience, purpose, arrangement, and style, and utilizing primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis. Students/Parents/Guardians are responsible for all tuition, fees, and textbook costs. This course is equivalent to college level English 1301 and 1302, Composition I and II.

19261300 College Preparatory English, 1 credit

Grade: 12

Recommendation: See below*

New!

GPA Level: 1

GPA Level: 1

GPA Level: 2

GPA Level: 3

*This course is intended for 12th grade students whose performance on an EOC exam does not meet college readiness standards; or coursework, college entrance exam, or higher education screener indicates the student is not ready for college-ready coursework. College Prep English is designed to help students meet college entrance requirements (TSI testing) and to be ready for entry-level college ELA coursework. Students will engage in a concentrated study of analytical reading and writing processes to prepare for career and college opportunities. Instruction in this course will align to the Texas Career and College Readiness Standards (CCRS), the Texas Essential Knowledge and Skills (TEKS) of English IV, as well as Texas Success Initiative Framework for College Reading. This course may count as an Advanced English credit to earn an endorsement under the Foundation High School Program. This course will not satisfy the English IV requirement on the MHSP, RHSP, or DAP graduation plans.

19254000 CREATIVE WRITING, .5 - 1 credit

Grade: 10-12

Recommendation: English I

The first nine weeks of Creative Writing focuses on writing for publication including fiction and non-fiction. Students apply techniques used by professional writers. For a full credit, students continue focusing on writing for professional publication and studying the creative process. Students receiving a full credit complete eighteen weeks of course work.

19254190(A) / 19254290(B) CREATIVE WRITING - ONLINE, .5 - 1 credit

Grade: 10-12

Recommendation: English I

The first nine weeks of Creative Writing focuses on writing for publication and introduces the student to various writing choices in the areas of fiction and non-fiction. Students apply techniques used by professional writers and learn how to critique their work and the work of their peers. For a full credit, students continue focusing on writing for professional publication and studying the creative process. Students receive a full credit for completing eighteen weeks of course work. Instruction and content are delivered primarily over the Internet, and students may have opportunities to meet face-to-face for collaboration, group work and personalized instruction.

19254600(.5)/19254500(1.0) Humanities - The Elizabethan Age, .5 - 1 credit GPA Level: 1

Grade: 11-12

Recommendation: English I and English II

This interdisciplinary course focuses on the Elizabethan Period in Great Britain. Students study a variety of Shakespearian plays and sonnets, as well as their ties to art, music, poetry and history of the time period. The course serves as preparation for both the language and literature AP examinations.

19255000 LITERARY GENRES/SCIENCE FICTION STUDIES, .5 credit

Grade: 9-12

Recommendation: Students must be willing to read extensively, think critically, and

participate actively in class

Students read, analyze, and compare selections that show the historical development of science fiction. Students will study elements of various genres within science fiction.

19255500 PRACTICAL WRITING/GRAMMAR FOR COLLEGE AND WORK, .5 credit

GPA Level: 1

GPA Level: 1

GPA Level: 1

Grade: 9-12

Recommendation: An understanding of grammar beyond parts of speech and usage

Students engage in a concentrated study of the English language, including capitalization, punctuation, parts of speech, usage, and sentence structure. These skills are used in written compositions. These skills are developed and applied to college and workplace writing including TAKS/STAAR composition.

19256000 LITERARY GENRES/MULTICULTURAL LITERATURE, .5 credit

GPA Level: 1

Grade: 9-12

Recommendation: None

Students read works of significant writers and study their themes and literary traditions, including elements of various literary genres. Special attention will be given to African, Hispanic, and Oriental literature.

19256090(A)19256190(B) LITERARY GENRES/MULTICULTURALLIT - ONLINE, .5-1.0credit GPA Level: 1

Grade: 9-12

Recommendation: None

Students read works of significant writers and study their themes and literary traditions, including elements of various literary genres. Instruction and content are delivered primarily over the internet, and students may have opportunities to meet face-to-face for collaboration, group work and personalized instruction.

19256511 English I for Speakers of Other Languages (ESL), 1 credit per course GPA Level: 1

Grade: 9-12

Recommendation: Immigrant students only (not born in the U.S.)

Limited proficiency in the English language

Testing for placement is required

Counts as English I for graduation requirements for English language learners

The district provides a modified English I, English for limited English speaking students. This instruction seeks to provide functional ability in English in the skills of listening, speaking, reading, writing, and an awareness of various cultural patterns found in the United States while maintaining the rigor of English I and following the English I TEKS as mandated by the state.

19257011 English II for Speakers of Other Languages (ESL), 1 credit per course GPA Level: 1

Grade: 9-12

Recommendation: Immigrant students only (not born in the U.S.)

Limited proficiency in the English language

Testing for placement is required

Counts as English II for graduation requirements for English language learners

The district provides a modified English II, English for limited English speaking students while further developing in English the skills of listening, speaking, reading, writing, and an awareness of various cultural patterns in the United States while maintaining the rigor of English I and following the English I TEKS as mandated by the state.

19256211 Newcomer Englishfor SPEAKERS OF OTHER LANGUAGES (ESL), 1 Local credit

Grade: 9-12

Recommendation: First year Immigrant students only (not born in the US)

Limited proficiency in the English language

Testing for placement is required

Counts as local credit

The district provides an accommodated English course specifically targeted and focused for Newcomer Limited English Proficient students. The instruction in this course is communicated, sequenced, and scaffold according the needs of the beginner student, and as defined by the English Language Proficiency Standards set forth by the state.

MATHEMATICS

Advanced/additional courses in this department may satisfy the Science, Technology, Engineering, and Math Endorsement for the Foundation High School Program.

NOTE: College credit may be granted by a university based upon Advanced Placement examination scores. All students enrolled in an Advanced Placement course are encouraged to take the Advanced Placement exam for that course. **There is a fee for each exam. Information on fee reductions and exam subsidies, based on financial need, are available through the high school testing coordinator.** All courses in this section count toward GPA and RIC. There is a specific course sequence for Mathematics courses determined by the graduation plan a student intends to follow. See **Options for Fourth Math and Science** for a complete list of approved Math and Science courses for the RHSP and DAP graduation plans.

29330100 ALGEBRA 1 AB AY (All Year), 1 credit

29330210 ALGEBRA 1 AB ENRICH AY (All Year), 1 local elective

Grade: 9-10

Recommendation: Teacher recommendation only

Algebra AB AY is an all year, 36 week, course combined with an enrichment focus on the foundational concepts for algebra. This course develops algebraic thinking and symbolic reasoning, explores function concepts, the relationship between equations and functions, and tools for algebraic thinking. Students are encouraged to have a graphing calculator T183 (or equivalent).

29331000 ALGEBRA I, 1 credit

Grade: 9-12

Recommendation: None

Algebra I is a study of linear equations and inequalities with an introduction to quadratic functions, inverse variation and exponential growth. Students are encouraged to have a graphing calculator TI83 (or equivalent).

29331021 ALGEBRA I PRE-ADVANCED PLACEMENT, 1 credit

Grade: 9

Recommendation: None

Algebra I Pre-Advanced Placement is an enriched Algebra I which moves at a faster pace and is designed to provide critical thinking and processing skills necessary to be successful in Advanced Placement Calculus. Students are encouraged to have a graphing calculator T183 (or equivalent).

29331500 GEOMETRY, 1 credit

Grade: 9-12

Recommendation: Algebra IAB or Algebra I

Geometry develops the concepts of inductive and deductive reasoning and formal proofs as an approach to mathematics. Real world application of these topics will be emphasized. Students are encouraged to have a scientific calculator or graphing calculator TI83 (or equivalent).

29331600 GEOMETRY AB AY (All Year), 1 credit

29331610 GEOMETRY AB ENRICHMENT AY (All Year), 1 local elective

Grade: 9-10

Recommendation: Teacher recommendation only

Geometry AB is an all year, 36 week, course combined with an enrichment focus on foundational concepts for geometry. This course develops geometric thinking and spatial reasoning, explores geometric figures and their properties, the relationship between geometry and other mathematics, and other disciplines, as well as develops tools for geometric thinking. Students are encouraged to have a graphing calculator T183 (or equivalent).

GPA Level: 1

GPA Level: 1

GPA Level: 2

GPA Level: 1

29331521 GEOMETRY PRE-ADVANCED PLACEMENT, 1 credit

Grade: 9-11

Recommendation: Algebra I or Pre AP Algebra I

Geometry Pre-Advanced Placement is an enriched geometry which moves at a faster pace and is designed to provide critical thinking and processing skills necessary to be successful in Advanced Placement Calculus. Students are encouraged to have a scientific calculator or graphing calculator TI83 (or equivalent).

29332500 ALGEBRA II, 1 credit

GPA Level: 1

GPA Level: 2

Grade: 10-12

Recommendation: Algebra I & Geometry

Algebra II expands on all concepts taught in Algebra I and explores quadratic, rational, logarithmic, and exponential functions. Students are encouraged to have a graphing calculator TI83 (or equivalent).

29332537 ALGEBRA II – BLENDED, 1 credit

GPA Level: 1

Grade: 11-12

Recommendation: Algebra I & Geometry

Algebra II expands on all concepts taught in Algebra I and explores quadratic, rational, logarithmic, and exponential functions. Students are encouraged to have a graphing calculator TI83 (or equivalent). Instruction and content are delivered primarily over the Internet, and students meet twice a week on campus for collaboration, group work, practice and personalized instruction. **This course may not be offered on all campuses.**

29332521 ALGEBRA II PRE-ADVANCED PLACEMENT, 1 credit

GPA Level: 2

Grade: 10-12

Recommendation: Algebra I or PreAP Algebra I & Geometry or PreAP Geometry

Algebra II Pre-Advanced Placement is an enriched Algebra II which moves at a faster pace and is designed to provide critical thinking and processing skills, necessary to be successful in Advanced Placement Calculus. Students are encouraged to have a graphing calculator TI83 (or equivalent).

29333500 Pre-Calculus, 1 credit

GPA Level: 1

Grade: 11-12

Recommendation: Algebra II or PreAP Algebra 2

Pre-Calculus is the study of trigonometry, elementary analysis, and analytic geometry designed to help students prepare for college mathematics or skilled jobs requiring applications of mathematics. This course is designed for entry into college level courses such as Calculus. Students are encouraged to have a graphing calculator TI83 (or equivalent). This course is waived for UIL eligibility.

29333537 PRE-CALCULUS - BLENDED, 1 credit

GPA Level: 1

Grade: 11-12

Recommendation: Algebra II or PreAP Algebra 2

Pre-Calculus is the study of trigonometry, elementary analysis, and analytic geometry designed to help students prepare for college mathematics or skilled jobs requiring applications of mathematics. This course is designed for entry into college level courses such as Calculus. Students are encouraged to have a graphing calculator TI83 (or equivalent). This course is waived for UIL eligibility. Instruction and content are delivered primarily over the Internet, and students meet twice a week on campus for collaboration, group work, practice and personalized instruction. **This course may not be offered on all campuses.**

29333521 Pre-Calculus Pre-Advanced Placement, 1 credit

Grade: 11-12

Recommendation: Algebra II or Pre-AP Algebra II

Pre-Calculus Pre-Advanced Placement is an enriched study of trigonometry, elementary analysis and analytic geometry designed to provide critical processing skills necessary for success in Advanced Placement Calculus. Students are encouraged to have a graphing calculator TI83 (or equivalent). This course is waived for UIL eligibility.

29334502 CALCULUS (A-B) ADVANCED PLACEMENT, 1 credit

GPA Level: 3

GPA Level: 2

Grade: 12

Recommendation: Pre-Calculus, PreAP Pre-Calculus`

Calculus (A-B) Advanced Placement is the study of introductory differential and integral calculus. Participation in the Advanced Placement examination for a possibility of 3 hours college credit is advised. Students are encouraged to have a graphing calculator TI83 (or equivalent).

29335002 CALCULUS (B-C) ADVANCED PLACEMENT, 1 credit

GPA Level: 3

Grade: 12

Recommendation: Calculus (A-B) Advanced Placement

Calculus (B-C) Advanced Placement is an enhancement of the topics of Calculus (A-B) Advanced Placement with the addition of advanced topics in integral calculus and sequences and series. Participation in the Advanced Placement examination for a possibility of 6 hours college credit is advised. Students are encouraged to have a graphing calculator TI83 (or equivalent).

29335502 STATISTICS ADVANCED PLACEMENT, 1 credit

GPA Level: 3

Grade: 11-12

Recommendation: Algebra II

Statistics Advanced Placement is designed to give students a working understanding of statistics. Participation in the Advanced Placement examination for a possibility of 3 hours college credit is advised. Students are encouraged to have a graphing calculator TI83 (or equivalent).

29336000 MATHEMATICAL MODELS WITH APPLICATIONS, 1 credit

GPA Level: 1

Grade: 11-12

Recommendation: Algebra I & Geometry

Students will use mathematical models from Algebra and Geometry to solve problems from a wide variety of advanced applications in mathematical situations involving data, patterns, money, probability, and science. This course must be taken prior to passing any portion of Algebra II for students on the RHSP. There is no required sequence for MMA for students graduating on the FHSP other than taking it after Algebra I.

29336090(A) / 29336190(B) MATHEMATICAL MODELS WITH Applications - Online, 1 credit GPA Level: 1

Grade: 11-12

Recommendation: Algebra I & Geometry

Students will use mathematical models from Algebra and Geometry to solve problems from a wide variety of advanced applications in mathematical situations involving data, patterns, money, probability, and science. Instruction and content are delivered primarily over the Internet, and students may have opportunities to meet face-to-face for collaboration, group work and personalized instruction. This course must be taken prior to passing any portion of Algebra II for students on the RHSP. There is no required sequence for MMA for students graduating on the FHSP other than taking it after Algebra I.

29336500 Foundations for College Mathematics, 1 credit

Grade 11-12

Recommendation: Algebra II

Students will extend their mathematical understanding beyond the Algebra II level through the further study of functions, their inverses, transformations, and their compositions. Applications using data, regression models, sequences and series, probability, and matrices will also be studied. This course is designed to be a bridge for students between Algebra II and College Algebra. Students are encouraged to have a graphing calculator T183 (or equivalent). This course will be coded as Independent Study on the student's transcript. This course meets graduation requirements for the fourth math for both the RHSP and the DAP graduation plans.

29336500 Foundations for College Mathematics - Blended, 1 credit

GPA Level: 1

GPA Level: 1

Grade 11-12

Recommendation: Algebra II

Students will extend their mathematical understanding beyond the Algebra II level through the further study of functions, their inverses, transformations, and their compositions. Applications using data, regression models, sequences and series, probability, and matrices will also be studied. This course is designed to be a bridge for students between Algebra II and College Algebra. Students are encouraged to have a graphing calculator T183 (or equivalent). This course will be coded as Independent Study on the student's transcript. This course meets graduation requirements for the fourth math for both the RHSP and the DAP graduation plans. Instruction and content are delivered primarily over the Internet, and students meet a minimum of twice a week on campus for collaboration, group work, practice and personalized instruction.

29261300 COLLEGE PREP MATH, 1 credit GPA Level: 1

Grade: 12

Recommendation: Algebra II

This course is intended for 12th grade students whose performance on an EOC exam does not meet college readiness standards; or coursework, college entrance exam, or higher education screener indicates the student is not ready for college-level coursework. College Prep Math is designed to help students meet college entrance requirements (TSI testing) and to be ready for entry-level college math coursework. Students will study linear, quadratic, polynomial, rational and radical expressions, equations, and functions as well as probability and statistics. This course may count as a 4th mathematics credit for students graduating on the Foundation High School Program. This course will NOT count as a 4th Math for students graduating on the Minimum, Recommended, or Distinguished Achievement Programs.

79168602 COMPUTER SCIENCE I ADVANCED PLACEMENT, 1 credit

GPA Level: 3

Grade: 11-12

Recommendation: Advanced Computer Programming

Computer Science I AP continues the study begun in Advanced Computer Programming and will prepare students for the Advanced Placement Examination in Computer Science. The course is designed for students who are interested in majoring in Engineering, Mathematics, Science, or Computer Science. Topics include advanced data structures, sorting, and searching algorithms, dynamic memory allocation, algorithmic analysis and Object Oriented Programming. JAVA is the language used for completing the program assignments. Prerequisites include successful completion of Advanced Computer Programming and strong programming skills. May count as 4th Math on RHSP and DAP diplomas if taken AFTER Algebra 2.

89810700 Engineering Mathematics, 1 credits

Grade: 10-12

Prerequisite: Algebra II

In Engineering Mathematics students build VEX robots to complete six design challenges. Students use a variety of mathematical methods and models to represent and analyze problems involving data acquisition, spatial applications, electrical measurement, manufacturing processes, materials engineering, mechanical drives, pneumatics, process control systems, quality control, and robotics with computer programming. The math covered in the course prepares the students to take the ACCUPLACER math test that is required to enroll in many Texas colleges. Material and supply fees may be required. Must be taken with 89775100 Robotics and Automation (See Index in back of guide). Offered at Career Center East Only.

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SCIENCE

Advanced/additional courses in this department may satisfy the Science, Technology, Engineering, and Math Endorsement for the Foundation High School Program.

NOTE: Students are required to successfully complete four science courses for graduation, including both physical and biological sciences. All science classes are 40% laboratory / activity based. Biological laboratory work includes animal dissections. All courses in this section count toward GPA. There is a specific course sequence for Science courses determined by the graduation plan a student intends to follow. See *Options for Fourth Math and Science on Page 11* for a complete list of approved Math and Science courses for the RHSP and DAP graduation plans.

Minimum Program — at least 3 science credits to include:

- · a Biology course
- Integrated Physics & Chemistry (one credit in chemistry and one credit in physics can substitute for IPC
- Any other science course listed in the science section of this guide

Recommended High School Program (RHSP) and Distinguished Achievement Program (DAP) — 4 science credits. (Of the 4 categories listed below, only one course in a category will count toward the required 3 of 4 science classes for graduation.) Please also see DAP criteria on Page 10 for specific course listings and course sequence.

- Biology, Pre-AP Biology, AP Biology
- Chemistry, Pre-AP Chemistry, AP Chemistry
- Physics, Pre-AP Physics, AP Physics

NOTE: College credit may be granted by a university based upon Advanced Placement examination scores. All students enrolled in an Advanced Placement course are encouraged to take the Advanced Placement exam for that course. **There is a fee for each exam. Information on fee reductions and exam subsidies, based on financial need, are available through the high school testing coordinator.**

39530000 BioLogy, 1 credit

Grade: 9-10

Recommendation: None

This is an introductory course in biology and is divided into two parts — cellular biology and living systems.

39530021 BIOLOGY PRE-ADVANCED PLACEMENT. 1 credit

Grade: 9-10

Recommendation: None

This introductory course is inquiry-based and much more challenging, rigorous, and in-depth than biology. A strand of study is included to help prepare students to take Advanced Placement Biology.

39531000 Integrated Physics and Chemistry, 1 credit

Grade: 10-12

Recommendation: Biology

This is an introductory course in the study of the basic principles of chemistry and elementary physics. Some universities may not recognize this course for science credit. For the RHSP, IPC must be taken either the 9th or 10th grade year and must be taken prior to chemistry and physics. This course will NOT satisfy the Science requirement for the DAP.

GPA Level: 1

GPA Level: 2

39531500 CHEMISTRY, 1 credit

Grade: 10-12

Prerequisite: One Unit of High School Science (Biology *OR* Biology Pre-AP)

Successful completion of Algebra 1

This basic course covers the composition of substances and the changes they undergo. Emphasis is on the scientific method. To be successful in this class, the student needs to have a working knowledge of algebra and geometry.

39531521 CHEMISTRY PRE-ADVANCED PLACEMENT, 1 credit

Grade: 10-12

Prerequisite: One Unit of High School Science (Biology *OR* Biology Pre-AP)

Successful completion of Algebra 1

This first year chemistry course is inquiry-based and much more challenging, rigorous, and indepth than Chemistry. A strand of study is included to help prepare students to take Advanced Placement Chemistry.

39532500 Рнузісs, 1 credit

Grade: 10-12

Recommendation: Biology OR Biology Pre-Advanced Placement

Physics is an introductory study of the relationship of matter and energy. Emphasis is on application. To be successful in this class, a student needs to have a working knowledge of algebra and geometry.

39532537 PHYSICS - BLENDED, 1 credit

Grade: 11-12

Recommendation: Biology *OR* Biology Pre-Advanced Placement

Physics is an introductory study of the relationship of matter and energy. Emphasis is on application. To be successful in this class, a student needs to have a working knowledge of algebra and geometry. Instruction and content are delivered primarily over the Internet, and students meet twice a week on campus for collaboration, group work, practice and personalized instruction. **This course may not be available on all campuses.**

39532521 Physics Pre-Advanced Placement, 1 credit

Grade: 10-12

Recommendation: Algebra I

This introductory physics course is inquiry-based and much more challenging, rigorous, and in-depth than Physics. A strand of study is included to help prepare students to take Advanced Placement Physics 2. Algebra II or concurrent enrollment is beneficial.

39533500 Anatomy and Physiology of Human Systems, 1 credit

Grade: 11-12

Recommendation: Biology OR Biology Pre-Advanced Placement

Basic genetics, embryology, and functions of key human physical systems are studied in this course.

GPA Level: 1

GPA Level: 2

GPA Level: 1

GPA Level: 1

GPA Level: 2

39534000 Environmental Systems, 1 credit

Grade: 11-12

Recommendation: Biology OR Biology Pre-Advanced Placement

This course addresses the fragile interrelationship of man and his surroundings. Emphasis is placed on ways to improve that coexistence. Topics for study include biotic/abiotic habitats, ecosystems, biomes resources/environmental systems interactions, sources/flow of energy in the environment, and changes in the environment.

39534600 Earth and Space Science, 1 credit

GPA Level: 1

GPA Level: 1

Grade: 11-12

Prerequisite: 3 years of Science and Mathematics (one may be taken concurrently)

This is a capstone science course that investigates the interaction of the hydrosphere, cryosphere and atmosphere, the interactions of the earth's interior to its surface and the earth in space and time.

39535000 AQUATIC SCIENCE, 1 credit

GPA Level: 1

Grade: 11-12

Recommendation:

None

This course provides an understanding and awareness of fresh and salt water systems. Topics of study include: aquatic ecosystems and their habitats; cycles within aquatic environments and adaptations of aquatic organisms to change; watersheds; and geological/fluid dynamic phenomena and their effects.

39536002 BIOLOGY ADVANCED PLACEMENT, 1 credit

GPA Level: 3

Grade: 9-12

Recommendation: Biology, Chemistry

This advanced-level course is designed to provide a comprehensive first-year college-level biology experience. Emphasis is on preparation for the Advanced Placement Biology exam. <u>Taking the test is encouraged</u>. Students should also register for AP Bio Test Prep (39540600) in conjunction with this course.

39536102 BIOLOGY ADVANCED PLACEMENT TRAILER, .5 credits

GPA Level: 3

This course is required for students registered for Biology Advanced Placement (3956002).

39537002 CHEMISTRY ADVANCED PLACEMENT, 1 credit

GPA Level: 3

Grade: 10-12

Recommendation: Chemistry, Algebra II

This advanced-level course is designed to provide a comprehensive first-year college-level chemistry experience. Emphasis is placed on preparation for the Advanced Placement Chemistry exam. Taking the test is encouraged. Students should also register for AP Chem Test Prep (39540800) in conjunction with this course.

39537102 CHEMISTRY ADVANCED PLACEMENT TRAILER, .5 credits

GPA Level: 3

This course is required for student registered for Chemistry Advanced Placement (39537002).

39537702 Physics I Advanced Placement, Algebra-Based, 1

Grade: 10-12

Recommendation: Algebra II

AP Physics 1: Algebra-Based is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. The science practices and inquiry-based investigations are emphasized. The ability to develop and use physics knowledge by applying it to the practice of scientific inquiry and reasoning is at the heart of the new physics courses and exams. Focusing on these skills enables teachers to use the principles of scientific inquiry to promote a more engaging and rigorous experience for AP Physics students. For more information on AP Physics changes, visit the College Board website at http://bit.ly/PhysicsChange. Sample sequence at the end of this section.

39537802 Physics 2 Advanced Placement, Algebra-Based, 1 GPA Level: 3

Grade: 10-12

Prerequisite: Physics I Advanced Placement OR Physics I PreAP

AP Physics 2: Algebra-Based is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics. The science practices and inquiry-based investigations are emphasized. The ability to develop and use physics knowledge by applying it to the practice of scientific inquiry and reasoning is at the heart of the new physics courses and exams. Focusing on these skills enables teachers to use the principles of scientific inquiry to promote a more engaging and rigorous experience for AP Physics students. For more information on AP Physics changes, visit the College Board website at http://bit.ly/PhysicsChange. Sample sequence at the end of this section.

39538002 Physics C Advanced Placement, 1

Grades 11-12

Recommendation: Pre-Calculus, Pre-Advanced Placement Calculus, AP Calculus

An advanced-level calculus based physics course that covers the topics of mechanics, electricity, and magnetism. Emphasis is placed on the preparation for the Advanced Placement Physics C exam. Taking the test is encouraged. Students should also register for AP Physics C Test Prep (39541000) in conjunction with this course.

39538102 Physics C Advanced Placement Trailer, .5 credits

GPA Level: 3

GPA Level: 3

GPA Level: 3

GPA Level: 3

This course is required for student registered for Physics C Advanced Placement (39538002).

39540002 Environmental Science Advanced Placement, 1 credit

Grade: 11-12

Recommendation: None

This advanced-level course is designed to provide a comprehensive college-level experience in environmental systems. Emphasis is on preparation for the Advanced Placement Environmental Science exam. Taking the AP test is encouraged. Students should also register for AP Test Prep (39540400) in conjunction with this course.

39540102 ENVIRONMENTAL SCIENCE ADVANCED PLACEMENT TRAILER, .5 credits GPA Level: 3

This course is required for students registered for Environmental Science AP (39540002).

39538500 MEDICAL MICROBIOLOGY, .5 credit

Grade: 11-12

Recommendation: Biology

This course offers an in-depth study of viruses, bacteria, fungi, and protists. Emphasis is on the knowledge of relationships between microbes and health maintenance and the role of microbes in infectious disease. **Must be taken with Pathophysiology (39539500) to count as the 4th science credit.**

39539000 Аstronoму, 1 credit

GPA Level: 1

GPA Level: 1

Grade: 11-12

Recommendation: Biology OR Biology Pre-Advanced Placement

Astronomy provides an overview of the technology in a modern and historical approach to space study. Topics of study include: information about the universe; characteristics/cycles of stars; exploration of the universe; role of the sun in our solar system; planets; and the orientation/placement of the earth.

39539500 PATHOPHYSIOLOGY, .5 credit

GPA Level: 1

GPA Level: 1

Grade: 11-12

Recommendation: Biology OR Biology Pre-Advanced Placement

This course offers a study in the mechanisms and processes of pathology. Emphasis will be placed on knowing a variety of human diseases and the effects of disease prevention and control. This course must be taken with Medical Microbiology 39538500 to count as 4th Science.

79730600 ADVANCED ANIMAL SCIENCE, 1 credit (qualifies for a Science credit)

Grade: 11-12

Recommendation: Principles of Agriculture, Food & Natural Resources

Livestock Production (Animal Science)

Equine Science

Advanced Animal Science demonstrates principles relating to the interrelated human, scientific, and technological dimensions of animal agriculture and the resources necessary for producing domesticated animals; applies the principles of genetics and breeding to livestock improvement; examines animal anatomy and physiology in livestock species; recognizes policies and issues in animal science; discusses slaughter livestock operations; and explores methods of marketing livestock.

89770600 Engineering Design and Problem Solving: The Digital Future, 1 credit GPA Level: 1 Grade 11-12

Prerequisite: Algebra II, Chemistry, Physics

Students learn how engineers create, design, and test the technologies and devices of the 21st century using math, science, and creative skills. In particular, students learn the "engineering design process" and put this proven problem-solving approach into regular practice by applying math and science to design and test digital and mechanical devices. Students learn from both regular classroom lectures, and from hands-on design projects. Students spend 40% of instructional time, conducting engineering field and laboratory activities. The activities include mechanical engineering (mouse trap cars and ballistic devices), civil engineering (bridge building and destruction), and biomedical engineering (optimizing running). Material and supply fees may be required. *This course must be taken in conjunction with 89809100 Engineering: The Digital Future (Infinity) for the 2 credits. See Page 103-104.*

89771700 ENGINEERING DESIGN AND PROBLEM SOLVING: BIOENGINEERING, 1 CREDIT

Grades: 10-12

Prerequisite: Algebra II, Chemistry, Physics

In EDPS-BE students explore biomedical engineering using the biotechnology knowledge developed in the Introduction to Biotechnology course. Students engaged in problem based learning using industry standard processes and instrumentation least 60% of the time. The engineering design process is introduced and compared to the scientific method. Special emphasis is placed upon identifying and solving problems that have a medical purpose. The use of 3D drawing and visualization tools strengthens students' spatial and visualization skills. Students build a major project such as an ECG machine or a heart pump simulator. This class emphasizes the creativity and problem solving. *Counts as a fourth science credit. This course must be taken with Biotechnology 89771800. See Page 103-104.*

89805100 Forensic Science, 1 credit, (qualifies for Science credit)

GPA Level: 1

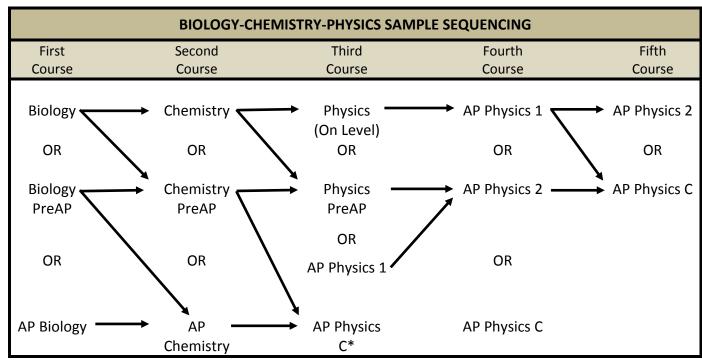
GPA Level: 1

Grade: 10-12 Prerequisite:

Principles of Law, Law Enforcement I

Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene investigation, questioning, criminal behavior characteristics, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, trace evidence collection, ballistics, body fluid collection, and blood spatter analysis. Students will learn the history, legal aspects, and career options available in forensic science. A \$35.00 material and supply fees is required. Students may also be assessed a fee for field trips. Offered at the Career Center East Only. This course must be taken in conjunction with 89806100 Courts Systems and Practices for 2 full credits. See Page 78. Offered at the DJCC Only

Sample Biology-Chemistry-Physics Sequencing



^{*}Students could go back and pick up AP Physics 1 and 2, but that is not a recommended sequence as Physics C is the most advanced Physics. See Math recommendations prior to registering for AP Physics I and AP Physics C.

SOCIAL STUDIES

Advanced/additional courses in this department may satisfy the Arts and Humanities Endorsement for the Foundation High School Program.

The purpose of the LISD Social Studies program is to prepare students through the development of appropriate knowledge, skills and beliefs to be responsible, participatory citizens. We expect our students to assume roles as leaders in our state and nation in the 21st century. The courses in Social Studies will help accomplish this goal. Advanced Placement courses are offered in multiple Social Studies areas and provide opportunities for students to earn college credit. All courses in this section count toward GPA and RIC.

NOTE: College credit may be granted by a university based upon Advanced Placement examination scores. All students enrolled in an Advanced Placement course are encouraged to take the Advanced Placement exam for that course. **There is a fee for each exam. Information on fee reductions and exam subsidies, based on financial need, are available through the high school testing coordinator.**

49570000 WORLD GEOGRAPHY, 1 credit

Grade: 9

Recommendation: None

This course is a study of major areas of the world, the processes that shape the earth and the relationship between people and their environments.

49570021 World Geography Pre-Advanced Placement, 1 credit

Grade: 9

Recommendation: None

This course is an integrated study of regions of the world focusing on the relationships among people, places and environments, physical and human systems, and the uses of geography. This course prepares students for the rigorous critical thinking and writing skills needed in the Advanced Placement courses.

49577102 HUMAN GEOGRAPHY ADVANCED PLACEMENT, 1 credit

Grade: 9-12

Recommendation: None

This college-level course is an in-depth study of patterns and processes that shape human understanding including how man uses the earth and alters its surface. Students learn the methods and tolls geographers use as they examine topics such as population, cultural patterns and processes, political organization of space, agriculture, and rural land use, industrialization and economic development. This course fulfills the graduation requirements for World Geography.

49571000 World History Studies, 1 credit

Grade: 10

Recommendation: None

This course is a study of the development of civilizations and cultures from the earliest societies to the contemporary world with a focus on the historical perspective of major world events and movements.

GPA Level: 1

GPA Level: 2

GPA Level: 3

49571002 WORLD HISTORY ADVANCED PLACEMENT, 1 credit

Grade: 10

Recommendation: Pre AP World Geography or AP Human Geography

This college level course has a chronological framework beginning with the foundations of history and continuing to the present. Truly global in nature, the course includes studies of major political, social, economic and artistic movements found in societies in Asia, Europe, Africa, and North and South America. Extensive reading and composition prepare the student for the rigors of the Advanced Placement exam.

49572000 UNITED STATES HISTORY, 1 credit

Grade: 11

Recommendation: None

This course is a study of the people, events, and issues that have shaped political, economic, and social institutions of the United States from the period of Reconstruction to the present.

49572037 UNITED STATES HISTORY - BLENDED, 1 credit

Grade: 11

Recommendation: None

This course is a study of the people, events, and issues that have shaped political, economic, and social institutions of the United States from the period of Reconstruction to the present. Instruction and content are delivered primarily over the Internet, and students meet twice a week on campus for collaboration, group work, practice and personalized instruction. **This course may not be available on all campuses.**

49572002 United States History Advanced Placement, 1 credit

Grade: 11

Recommendation: None

This accelerated course is designed to prepare students for the Advanced Placement United States History exam. In-depth analysis of documents and writings from the pre-colonial period to the present develop students' research, analytical, and writing skills. <u>Students must also register for Special Topics in Social Studies: Early United States History.</u>

49573000 Special Topics in Social Studies: Early United States History, .5 credit GPA Level: 3

Grade: 11

Companion course: United States History Advanced Placement

This course develops content understanding through critical thinking and writing skills focusing on the events in United States History. <u>Students must also register for United States History</u> Advanced Placement. This is not an AP course. UIL eligibility is not waived.

49573500 UNITED STATES GOVERNMENT, .5 credit

Grade: 11*-12

Recommendation: U.S. History

This course is a study of the United States Constitution, the three branches of the federal government, the national political system, and state and local government systems. *Juniors should complete U.S. History prior to taking this course. Only graduating juniors and seniors can select this course during registration. Other juniors who would like to enroll will be scheduled as space allows after the school year begins.

GPA Level: 3

GPA Level: 1

GPA Level: 1

GPA Level: 3

49573590 UNITED STATES GOVERNMENT - ONLINE, .5 credit

Grade: 11*-12

Recommendation: U.S. History

This online course is a study of the United States Constitution, the three branches of the federal government, the national political system, and state and local government systems. Instruction and content are delivered primarily over the Internet, and students may have opportunities to meet face-to-face for collaboration, group work and personalized instruction. *Juniors should complete U.S. History prior to taking this course.

49573937 UNITED STATES GOVERNMENT - BLENDED .5 credit

Grade: 11*-12

Recommendation: U.S. History

This Online course is a study of the United States Constitution, the three branches of the federal government, the national political system, and state and local government systems. Instruction and content are delivered primarily over the Internet, and students meet twice a week on campus for collaboration, group work, practice and personalized instruction. This course may not be available on all campuses. *Juniors should complete U.S. History prior to taking this course.

49573502 United States Government & Politics Advanced Placement, .5 credit GPA Level: 3

Grade: 11*-12

Recommendation: U.S. History

This college-level course is designed to prepare students for the U. S. Government Advanced Placement exam. Through an analysis of historic documents, this course provides in-depth study of the foundations of the U.S. political system, its institutions, and the structure and function of governments. AP Test Prep Social Studies (49581300) is available as a review prior to the AP exam in the spring. *Juniors should complete U.S. History prior to taking this course.

49574502 Comparative Government & Politics Advanced Placement, .5 credit GPA Level: 3

Grade: 12

Recommendation: None

This college-level course is designed to prepare students for the Advanced Placement exam in Comparative Governments and Politics, which focuses on the political systems of Great Britain, France, Russia, China and either India, Mexico, or Nigeria. Sources of public authority and political power, the relationship among citizens, society and the state, and political change form the basis of comparison. This is an elective course.

49575000 Economics (Free Enterprise and its Benefits), .5 credit

GPA Level: 1

GPA Level: 1

GPA Level: 1

Grade: 11*-12

Recommendation: United States History

This course is a study of the basic principles of the production, distribution, and consumption of goods and services. The students gain competencies in practical, real-world economic situations. *Juniors should complete U.S. History prior to taking this course. Only graduating juniors and seniors can select this course during registration. Other juniors who would like to enroll will be scheduled as space allows after the school year begins.

49575090 Economics (Free Enterprise and its Benefits) - Online, .5 credit GPA Level: 1

Grade: 11*-12

Recommendation: United States History

This course is a study of the basic principles of the production, distribution, and consumption of goods and services. The students gain competencies in practical, real-world economic situations. Instruction and content are delivered primarily over the Internet, and students may have opportunities to meet face-to-face for collaboration, group work and personalized instruction. *Juniors should complete U.S. History prior to taking this course.

49575337 ECONOMICS (FREE ENTERPRISE AND ITS BENEFITS) - BLENDED, .5 credit GPA Level: 1

Grade: 11*-12

Recommendation: United States History

This blended course is a study of the basic principles of the production, distribution, and consumption of goods and services. The students gain competencies in practical, real-world economic situations. Instruction and content are delivered primarily over the Internet, and students meet twice a week on campus for collaboration, group work, practice and personalized instruction. This course may not be available on all campuses. *Juniors should complete U.S. History prior to taking this course.

49575502 Macroeconomics Advanced Placement, .5 credit

Grade: 12

Recommendation: Algebra II

This challenging course is designed to prepare students for the Advanced Placement exam. The students gain a thorough understanding of basic economic principles with emphasis on the study of national income and price determination, economic performance measures, and international economics. Emphasis will be placed on critical thinking skills through understanding the applications and analysis of fundamental economic concepts. This course fulfills the graduation requirements for Economics. AP Test Prep Social Studies (49581300) is available as a review prior to the AP exam in the spring.

49576002 MICROECONOMICS ADVANCED PLACEMENT, .5 credit

Grade: 11*-12

Recommendation: Macroeconomics Advanced Placement

This college-level course, designed to prepare students for the Advanced Placement exam, focuses on the individual decision makers within the larger economic system. The nature and function of both product and factor markets and the role of government in promoting greater efficiency and equity form the basis of the course. This course fulfills the graduation requirement in economics. *Juniors should complete U.S. History prior to taking this course. Only graduating juniors and seniors can select this course during registration. Other juniors who would like to enroll will be scheduled as space allows after the school year begins. AP Test Prep Social Studies (49581300) is available as a review prior to the AP exam in the spring.

49576502 EUROPEAN HISTORY ADVANCED PLACEMENT, 1 credit

Grade: 11-12

Recommendation: None

This college-level course covers the political, cultural, intellectual, economic, and social events that shaped Europe. The course requires extensive reading and writing in preparation for the Advanced Placement exam. This is an elective course.

GPA Level: 3

GPA Level: 3

49577002 HUMAN GEOGRAPHY ADVANCED PLACEMENT, .5

Grade: 11-12

Recommendation: None

This college-level course is an in-depth study of patterns and processes that shape human understanding including how man uses the earth and alters its surface. Students learn the methods and tools geographers use as they examine topics such as population, cultural patterns and processes, political organization of space, agriculture and rural land use, industrialization and economic development, and cities and urban land use. This is an elective course.

49577500 РsусноLоgy, .5 credit

GPA Level: 1

GPA Level: 3

Grade: 10-12

Recommendation: N

This course is a study of individual and group behavior focusing on the knowledge, methods, and theories which are used by psychologists.

49577590 Psychology - On-Line, .5 credit

GPA Level: 1

Grade: 10-12

Recommendation: None

This course is a study of individual and group behavior focusing on the knowledge, methods, and theories that are used by psychologists. Instruction and content are delivered primarily over the Internet, and students may have opportunities to meet face-to-face for collaboration, group work and personalized instruction.

49577502 PSYCHOLOGY ADVANCED PLACEMENT, .5 credit

GPA Level: 3

GPA Level: 1

Grade: 11-12

Recommendation: None

This accelerated course is designed to prepare students for the Advanced Placement exam. The student is introduced to the discipline of psychology by emphasizing the history of psychology as a science, the different theoretical approaches that underlie explanations of behavior, and the contemporary research methods used by psychologists.

49579400 RESEARCH METHODS IN PSYCHOLOGY, .5 credit

Grade: 10-12

Recommendation: None

Students will study how psychologists conduct research and experiments, as well as the answers to: how do groups affect you?; is any person capable of evil given the right circumstances?; what causes us to experience emotions?; and much more.

49580690 SPECIAL TOPICS IN SOCIAL STUDIES - NEW TESTAMENT, .5 credit

Grade: 9 – 12

Recommendation: None

GPA Level: 1

In this course, you will get a "tour" of the Bible, the New Testament (also sometimes called the Greek Scriptures). This course is offered through TxVSN. There is a \$250 fee associated with this course. To register, go to the LISD VLA Website.

49580590 SPECIAL TOPICS IN SOCIAL STUDIES - OLD TESTAMENT, .5 credit

Grade: 9 – 12

Recommendation: None

GPA Level: 1

In this course, you will get a "tour" of the Bible, in the beginning; the Hebrew Scriptures (Old Testament. This course is offered through TxVSN. There is a \$250 fee associated with this course. To register, go to the LISD VLA Website.

49578500 Sociology, .5 credit

Grade: 10-12

Recommendation: None

This course is a systematic study of individuals, groups, and social institutions. The course focuses on the individual and his relationship to the society in which he lives.

49579000 SPECIAL TOPICS IN SOCIAL STUDIES - STREET LAW, .5 credit

GPA Level: 1

GPA Level: 1

GPA Level: 1

GPA Level: 1

Grade: 9-12

Recommendation: None

Focusing on a practical understanding of law and the legal system, students develop participatory skills, practice in resolving disputes, and a greater sense of justice, tolerance, and fairness.

49579100 SPECIAL TOPICS IN SS: CIVIL WAR & RECONSTRUCTION, .5 credit

Grade: 10-12

Recommendation: None

Students will explore the causes, course, and consequences of the American Civil War and Reconstruction, from the 1840s to 1877. Students will understand the many ways that these events transformed the United States. Those transformations may be examined in many ways: national, sectional, racial, constitutional, individual, social, intellectual, or moral.

49579200 SPECIAL TOPICS IN SS: UNITED STATES MILITARY HISTORY, .5 credit

Grade: 10-12

Recommendation: None

This course will aid student's knowledge and understanding of U.S. History and the current state of international affairs concerning the U.S. Students will learn the causes and effects of U.S. Military interventions and activities and understand the effect of technology on strategy and casualties of war.

49579300 SPECIAL TOPICS IN SS: CULTURE & CONFLICT, .5 credit

Grade: 10-12

Recommendation: None

Students will understand and explore the relationships between culture, conflict and political policies and the roles they play in genocide. Additionally, students will examine the global values, political perspectives and the role of the media in areas of conflict.

49579600 SPECIAL TOPICS IN SS: HISTORY OF AFRICA & AFRICAN AMERICANS, .5 credit GPA Level

Grade: 10-12

Recommendation: None

Students will learn an overview of the history of Africa and African Americans. Students will understand how geography and culture influence regional and global history. Students will also understand how current events are influenced by historical patterns.

49579700 SPECIAL TOPICS IN SS: COMPARATIVE WORLD RELIGIONS, .5 credit

Grade: 10-12

Recommendation: None

Students will learn about the teachings and traditions of the world's major religions, as well as many of its minor religions. The students will see the connection between religion and development of civilizations, the place and function of religion in human experience, and the influence of religion on contemporary society.

49579800 SPECIAL TOPICS IN SS: WORLD WAR II, .5 credit

Grade: 10-12

Recommendation: None



GPA Level: 1

This course is a nine week study of World War II. Students will investigate the conditions that led to the rise of powerful totalitarian leaders and a new global war during the interwar period. Course content includes and introduction to basic military history understandings of strategy, tactics, and doctrine.

49579500 SPECIAL TOPICS IN SS: THE WORLD SINCE WAR II . . 5 credit GPA Level: 1

Grade: 10-12

Recommendation: None

Focusing on Germany and the former Soviet Union in the second half of the 20th century, this course explores political, social, and economic changes that have impacted the U.S. and the world.

Making an Informed Decision: Student Choice in the Social Studies

World Geography and World History provide students with the ability to develop analytical skills to interpret the world and become globally aware. According to the World Affairs Council, 75% of the jobs in North Texas are connected to international trade. Therefore, it is critical students develop the abilities of understanding and interpreting multiple viewpoints. By taking one or both of these courses, you will be better equipped for the work force and understanding the global world. The descriptions below outline the skills students will learn in World Geography and World History.

World History

World History is a survey of the history of humankind. The major emphasis is on the study of significant people, events, and issues from the earliest times to present.

Skills:

- Analyze important events and issues in western civilization as well as civilizations in other parts of the world.
- Evaluate the causes and effects of political and economic imperialism of major political revolutions since the 17th century.
- Analyze the process by which constitutional governments evolved as well as the ideas from historic documents that influenced that process.
- Trace the historical development of important legal and political concepts.
- Examine the history and impact of major religious and philosophical traditions.
- Analyze the connections between major developments in science and technology and the growth of industrial economies.
- Use the process of historical inquiry to research, interpret, and use multiple sources of evidence.
- Continue DBQ (Document Based Questions) and critical writing skills.

World Geography

Students examine people, places, and environments at local, regional, national and international scales from the spatial and ecological perspectives of geography.

Skills:

- Analyze and evaluate the validity and utility of multiple sources of geographic information such as primary and secondary sources, aerial photographs and maps.
- Locate places of contemporary geopolitical significance on a map.
- Create and interpret different types of maps to answer geographic questions, infer relationships and analyze change.
- Analyze how location affects economic activities in different economic systems.
- Identify the processes that influence political divisions of the planet and analyze how different points of view affect the development of public policy.
- Compare how components of culture shape the characteristics of regions.
- Analyze the impact of technology and human modifications on the physical environment.
- Communicate in written, oral, and visual-forms.
- Use problem solving and decision-making skills
- Learn FRQ (Free Response Questions) and DBQ (Document Based Questions) writing skills.
- Learn note taking and test taking skills.

"The student who learns history will unconsciously develop what is the highe history: judgment and worldly affairs. We gather historical knowledge, not to more clever the next time, but wiser for all time." – Jacques Barzun (adapted)	ake us more
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LANGUAGES OTHER THAN ENGLISH/WORLD LANGUAGES

Advanced/additional courses in this department may satisfy the Arts & Humanities Endorsement for the Foundation High School Program.

LOTE Requirement:

- Entered HS prior to 2014-15. Students pursuing the RHSP program must successfully complete two levels in the same foreign language through course work or Credit by Exam. Students pursuing the DAP must successfully complete three levels in the same language. If possible, students should take their language courses in consecutive school terms. Additional languages may be available for credit through TxVSN.
- Entered HS in 2014-2015 or thereafter: Students pursuing the FHSP (Foundation High School Program) must complete two credits. See additional information at the end of this section.

NOTE: College credit may be granted by a university based upon Advanced Placement examination scores. All students enrolled in an Advanced Placement course are encouraged to take the Advanced Placement Exam for that course. There is a fee for each exam. Information on fee reductions and exam subsidies, based on financial need, are available through the high school testing coordinator.

19462500 AMERICAN SIGN LANGUAGE I, 1 credit

GPA Level: 1

Grade: 9-12

Recommendation: None

ASL I is an introduction to American Sign Language and the Deaf community. The main emphasis is on expressive skills (signing) while developing receptive skills (understanding signing). The student will be guided in recognizing the interrelationships of language and will develop a cultural appreciation for the Deaf community. The expected outcome of this course is developing Novice midhigh proficiency. This course is conducted in ASL (without voice) a significant amount of time.

19463000 AMERICAN SIGN LANGUAGE II, 1 credit

GPA Level: 1

Grade: 9-12

Recommendation: ASL I

This course is a continuation of ASL I. The main emphasis is on expressive skills (signing) while developing receptive skills (understanding signing). The student will be guided in recognizing the interrelationships of language and will develop a cultural appreciation for the Deaf community. The expected outcome of this course is developing Novice mid- Intermediate mid proficiency. **This course is conducted in ASL (without voice) a significant amount of time.**

19463500 AMERICAN SIGN LANGUAGE III, 1 credit

GPA Level: 2

Grade: 10-12

Recommendation: ASL II

This course is a continuation of ASL II. The class is primarily conducted in American Sign Language. The students will expand their ability to perform novice tasks and develop their ability in American Sign Language. The expected outcome of this course is developing Intermediate-mid to Advanced low proficiency. This course is conducted in ASL (without voice) a significant amount of time.

19464000 AMERICAN SIGN LANGUAGE IV, 1 credit

Grade: 10-12

Recommendation: ASL III

This course is a continuation of American Sign Language III. The students will expand their ability to perform tasks and develop their ability in American Sign Language. The expected outcome of this course is developing Intermediate-high to advanced high proficiency. **This course is conducted in ASL (without voice) a significant amount of time.**

ASL NOTE: ASL may not be accepted for college admission purposes in most Texas public colleges and universities or in most private and public institutions of higher learning across the United States. Students interested in admission highly selective Texas universities and to private and out-of-state colleges and universities should check the specific requirements for admission before determining which language to select for their high school graduation plan.

79168600 COMPUTER SCIENCE I

Grade: 9-12

Prerequisite: Algebra 1

Computer Science I will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts. This course WILL COUNT in the student's GPA for students graduating on the Foundation High School Program (FHSP) diploma. It will NOT COUNT in GPA for students graduating on the MHSP, RHSP, DAP. This course must be taken back-to-back with Computer Science II in 2015-2016 to satisfy the LOTE requirement for the FHSP. PLEASE NOTE THAT MANY UNIVERSITIES WILL NOT ALLOW COMPUTER SCIENCE TO SUBSTITUTE FOR A FOREIGN LANGUAGE REQUIREMENT FOR COLLEGE ADMISSIONS PURPOSES. This course is a Technology Applications Course.

79168700 COMPUTER SCIENCE II

Grade: 9-12

Prerequisite: Computer Science I

Computer Science II will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of computer science through the study of technology operations, systems, and concepts. This course WILL COUNT in the student's GPA for students graduating on the Foundation High School Program (FHSP) diploma. It will NOT COUNT in GPA for students graduating on the MHSP, RHSP, DAP. This course must be taken back-toback with Computer Science I in 2015-2016 to satisfy the LOTE requirement for the FHSP. PLEASE NOTE THAT MANY UNIVERSITIES WILL NOT ALLOW COMPUTER SCIENCE TO SUBSTITUTE FOR A FOREIGN LANGUAGE REQUIREMENT FOR COLLEGE ADMISSIONS **PURPOSES.** This course is a Technology Applications Course.

GPA Level: 2

GPA Level: 1 (FHSP Only)

GPA Level: 1(FHSP Only)

19454500 French I, 1 credit

Grade: 9-12

Recommendation: none

French I is the introductory course in the French language and culture. During this course, the students will develop speaking, writing, reading, and listening skills in French around topics related to the everyday life of a student. The students will learn conversational responses and work with the grammar items essential for understanding. The students will use conversation and vocabulary in the interpersonal, interpretive, and presentational modes as the basis for meeting the TEKS. The expected outcome of this course is developing Novice mid-high proficiency. **This course is conducted in French a significant amount of time.**

19455000 French II, 1 credit

GPA Level: 1

GPA Level: 1

Grade: 9-12

Recommendation: French I or CBE

French II continues to introduce students to French language and culture. During this course, the students will develop speaking, writing, reading, and listening skills in French that expand on topics beyond the everyday life of the student into the real world. The students will continue to learn communicative skills, including grammar and vocabulary in the context of interpersonal, interpretive, and presentational modes as the basis for meeting the TEKS. The expected outcome of this course is developing Intermediate-Low proficiency. **This course is conducted in French a significant amount of time.**

19455521 French III Pre-Advanced Placement, 1 credit GPA Level: 2

Grade: 10-12

Recommendation: French II or CBE

French III Pre-AP is the intermediate course in the French language. The students will integrate the conversation skills, vocabulary units, and grammar items learned in the first two courses as they begin to study the French language, literature, and culture in depth. Emphasis is placed on expanding basic vocabulary, grammar, structures, and writing and reading skills. Both students and teacher are expected to use their speaking skills as much as possible in the classroom. Study and practice on Advanced Placement test items and skills are stressed. Students will continue to use conversation to meet the TEKS goals of communication, cultures, connections, comparisons, and communities at the intermediate level. The expected outcome of this course is developing Intermediate-low to Intermediate-mid proficiency. **This course is conducted predominantly in French.**

19456002 French IV Advanced Placement, 1 credit

GPA Level: 3

Grade: 10-12

Recommendation: French III Pre Advanced Placement or CBE

French IV is the advanced course in the French language. The students are expected to refine the skills taught and practiced in the intermediate course and to focus on the conversation skills, advanced vocabulary, and advanced writing and reading skills they will need in order to pass the French Language Advanced Placement Test. Both students and teacher are expected to use the French language the majority of class time. Students will continue to use conversation to meet the TEKS goals of communication, cultures, connections, comparisons, and communities. The expected outcome of this course is developing Intermediate-mid to Intermediate-high proficiency. **This course is conducted in French.**

19456500 French V, 1 credit

Grade: 11-12

Recommendation: French IV Advanced Placement or CBE

French V is the second advanced course in the French language. This course provides more practice in the advanced conversation skills, vocabulary skills, reading skills and writing skills necessary in order to successfully complete the French Language Advanced Placement Test. Both students and teacher are expected to use the French language the majority of class time. Students will continue to use conversation to meet the TEKS goals of communication, cultures, connections, comparisons, and communities. The expected outcome of this course is developing Intermediate-high to Advanced-Mid proficiency. **This course is conducted in French.**

19457000 French VI, 1 credit

GPA Level: 2

GPA Level: 2

Grade: 12

Recommendation: French V

French VI is the advanced course in French literature. This course provides more practice in the reading skills of authentic texts, and writing skills in the analysis of these authentic texts. Both students and teacher are expected to use the French language almost exclusively in class. The expected outcome of this course is developing Advanced-Mid and Advanced-High proficiency. **This course is conducted in French.**

19457500 GERMAN I, 1 credit GPA Level: 1

Grade: 9-12

Recommendation: None

German I is the introductory course in the German language and culture. During this course, the students will develop speaking, writing, reading, and listening skills in German around topics related to the everyday life of a student. The students will learn conversational responses and work with the grammar items essential for understanding. The students will use conversation and vocabulary in the interpersonal, interpretive, and presentational modes as the basis for meeting the TEKS. The expected outcome of this course is developing Novice mid-high proficiency. **This course is conducted in German a significant amount of time.**

19458000 GERMAN II, 1 credit

GPA Level: 1

Grade: 9-12

Recommendation: German I OR CBE

German II continues to introduce students to German language and culture. During this course, the students will develop speaking, writing, reading, and listening skills in German that expand on topics beyond the everyday life of the student into the real world. The students will continue to learn communicative skills, including grammar and vocabulary in the context of interpersonal, interpretive, and presentational modes as the basis for meeting the TEKS. The expected outcome of this course is developing Intermediate-Low proficiency. This course is conducted in German a significant amount of time.

19458521 GERMAN III PRE-ADVANCED PLACEMENT, 1 credit

GPA Level: 2

Grade: 10-12

Recommendation: German II or CBE

German III Pre-AP is the intermediate course in the German language. The students will integrate the conversation skills, vocabulary units, and grammar items learned in the first two courses as they begin to study the German language, literature, and culture in depth. Emphasis is placed on expanding basic vocabulary, grammar structures, and writing and reading skills. Both students and teacher are expected to use their speaking skills as much as possible in the classroom. Study and practice on Advanced Placement test items and skills are stressed. Students will continue to use conversation to meet the TEKS goals of communication, cultures, connections, comparisons, and communities. The expected outcome of this course is developing Intermediate-low to Intermediate-mid proficiency. **This course is conducted primarily in German.**

19459002 GERMAN IV ADVANCED PLACEMENT, 1 credit

Grade: 10-12

Recommendation: German III Pre AP or CBE

German IV is the advanced course in the German language. The students are expected to refine the skills taught and practiced in the intermediate course and to focus on the conversation skills, advanced vocabulary, and advanced writing and reading skills they will need in order to pass the German Language Advanced Placement Test. Both students and teacher are expected to use the German language the majority of class time. Students will continue to use conversation to meet the TEKS goals of communication, cultures, connections, comparisons, and communities. The expected outcome of this course is developing Intermediate-mid to Intermediate-high proficiency. **This course is conducted in German.**

19459500 GERMAN V, 1 credit

GPA Level: 2

GPA Level: 3

Grade: 10-12

Recommendation: German IV AP

German V is the second advanced course in the German language. The course provides more advanced practices in verbal, listening, and written forms and more advanced authentic readings to help students successfully pass the German Language Advanced Placement Test. Both students and teachers are expected to use the German language almost exclusively. Students will continue to use conversation to meet the TEKS goals of communication, cultures, connections, comparisons, and communities. The expected outcome of this course is developing Intermediate-high to Advanced-Mid proficiency. **This course is conducted in German.**

19460000 LATIN I, 1 credit

GPA Level: 1

Grade: 9-12

Recommendation: None

The most basic reading, writing, listening, speaking, and language skills will be learned in this introductory Latin course. Students will read level appropriate Latin for comprehension, as well as learn to compose in Latin. English derivatives of Latin words and Roman culture are also emphasized. The expected outcome of this course is developing Novice Low to Intermediate Low proficiency across various linguistic skills. This course requires students to read and write in Latin a significant amount of time.

19460020(SEM A)/19460120 (SEM B) LATIN I – ONLINE, 1 credit

Grade: 9-12

Recommendation: None



GPA Level: 1

The most basic listening, speaking, reading, writing, culture, and language skills will be learned in this introductory Latin course. Learning English words derived from Latin roots and the study of contributions to our culture from the Romans are stressed. Instruction and content are delivered primarily over the Internet, and students may have opportunities to meet face-to-face for collaboration, group work and personalized instruction. This course requires students to read and write in Latin a significant amount of time.

19460500 LATIN II, 1 credit **GPA Level: 1**

Grade: 9-12

Recommendation: Latin I or CBE

The basic reading, writing, speaking, culture, and language skills studied will be more advanced than in Latin I. Students will read level appropriate Latin for comprehension, as well as learn to compose in Latin. Word roots and cultural influences on our language/society will continue to be stressed. The expected outcome of this course is developing Novice Mid to Intermediate Mid proficiency across various linguistic skills. This course requires students to read and write in Latin a significant amount of time.

19461021 LATIN I III PRE-ADVANCED PLACEMENT, 1 credit

Grade: 10-12

Recommendation: Latin II or CBE

Students will continue to refine the reading, writing, speaking, listening, and language skills. This course is for students who have reached a high level of reading and composition proficiency during the first two courses. Level appropriate texts in this course will include a strand of study over authentic Latin texts to help prepare students for the Advanced Placement testing opportunity. The expected outcome of this course is developing Novice Mid to Advanced Low proficiency across various linguistic skills. This course requires students to read and write in Latin a significant amount of time.

19461502 LATIN IV ADVANCED PLACEMENT, 1 credit

GPA Level: 3

GPA Level: 2

Grade: 10-12

Recommendation: Latin III Pre Advanced Placement or CBE

Students will continue to refine reading, writing, speaking, listening, and language skills in Latin IV Advanced Placement. This course is for students who have reached a high level of reading and composition proficiency during previous years of study. Only authentic Latin will be read. It is assumed that students have a full understanding of the Latin grammar system. Students are encouraged to participate in the Advanced Placement Examination for college credit. The expected outcome of this course is developing Novice Mid to Advanced Mid proficiency across various linguistic skills. This course requires students to read Latin exclusively.

9462000 LATIN **V**, 1 credit

GPA Level: 2

Grade: 10-12

Recommendation: Latin IV Advanced Placement or CBE

Students will continue to refine reading, writing, speaking, listening, and language skills in Latin V. This course is for students who have reached a high level of reading and composition proficiency during previous years of study. Only authentic Latin will be read. It is assumed that students have a full understanding of the Latin grammar system. The expected outcome of this course is developing Advanced High to Superior Low proficiency across various linguistic skills. This course requires students to read and/or write Latin exclusively.

19450000 Spanish I, 1 credit

GPA Level: 1

Grade: 9-12

Recommendation: None

Spanish I is the introductory course in the Spanish language and culture. During this course, the students will develop speaking, writing, reading, and listening skills in Spanish around topics related to the everyday life of a student. The students will learn conversational responses and work with the grammar items essential for understanding. The students will use conversation and vocabulary in the interpersonal, interpretive, and presentational modes as the basis for meeting the TEKS. The expected outcome of this course is developing Novice mid-high proficiency. **This course is conducted in Spanish a significant amount of time.**

19450500 SPANISH II, 1 credit

Grade: 9-12

Recommendation: Spanish I or CBE

Spanish III is the intermediate course in the Spanish language. The students will integrate the conversation skills, vocabulary, and grammar items learned in the first two courses as they begin to study the Spanish language, literature, and culture in depth. Emphasis is placed on expanding basic vocabulary and improving the listening, reading, speaking, and writing skills. Both students and teachers are expected to use their speaking skills as much as possible in the classroom. Students will continue to use conversation to meet the TEKS goals of communication, cultures, connections, comparisons, and communities. The expected outcome of this course is developing Intermediate-low to Intermediate-mid proficiency. **This course is conducted in Spanish a significant amount of time.**

19451000 Spanish III, 1 credit

Grade: 9-12

Recommendation: Spanish II or CBE

Spanish III is the intermediate course in the Spanish language. The students will integrate the conversation skills, vocabulary, and grammar items learned in the first two courses as they begin to study the Spanish language, literature, and culture in depth. Emphasis is placed on expanding basic vocabulary and improving the listening, reading, speaking, and writing skills. Both students and teachers are expected to use their speaking skills as much as possible in the classroom. Students will continue to use conversation to meet the TEKS goals of communication, cultures, connections, comparisons, and communities. The expected outcome of this course is developing Intermediate-low to Intermediate-mid proficiency. **This course is conducted primarily in Spanish.**

19451521 Spanish III Pre-Advanced Placement, 1 credit

Grade: 9-12

Recommendation: Spanish II or CBE

Spanish III Pre-AP is the intermediate course in the Spanish language. The content will be accelerated and expanded to include more vocabulary and grammar in order for the students to communicate at a higher level. Both students and teachers are expected to use their speaking skills as much as possible in the classroom. Study and practice on Advanced Placement test items and skills are stressed. Students will continue to use conversation to meet the TEKS goals of communication, cultures, connections, comparisons, and communities. The expected outcome of this course is developing Intermediate-low to Intermediate-mid proficiency. **This course is conducted primarily in Spanish.**

19452002 Spanish IV Advanced Placement, 1 credit

Grade: 10-12

Recommendation: Spanish III Pre Advanced Placement or CBE

Spanish IV is the advanced course in the Spanish language. The students are expected to refine the skills taught and practiced in the intermediate course and to focus on the conversation skills, advanced vocabulary, and advanced writing and reading skills they will need in order to pass the Spanish Language Advanced Placement Test. Both students and teachers are expected to use the Spanish language the majority of class time. Students will continue to use conversation to meet the TEKS goals of communication, cultures, connections, comparisons, and communities. The expected outcome of this course is developing Intermediate-mid to Intermediate-high proficiency. **This course is conducted in Spanish.**

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GPA Level: 1

GPA Level: 1

GPA Level: 2

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19452500 Spanish V, 1 credit

Grade: 10-12

Spanish IV Advanced Placement or CBE Recommendation:

Spanish V is the second advanced course in the Spanish language. This course provides more practice in the advanced conversation skills, vocabulary skills, reading skills and writing skills necessary in order to successfully complete the Spanish Language Advanced Placement Test. Both students and teachers are expected to use the Spanish language the majority of class time. Students will continue to use conversation to meet the TEKS goals of communication, cultures, connections, comparisons, and communities. The expected outcome of this course is developing Intermediate-high to Advanced-Mid proficiency. This course is conducted in Spanish.

19452502 Spanish V Advanced Placement, 1 Credit

Grade: 10-12

Recommendation: Spanish IV Advanced Placement or CBE

This course stresses the continued development of listening and speaking proficiency, reading comprehension, and writing skills as the students prepare for the Spanish Advanced Placement Literature Exam. Students will read Spanish and Latin American literature, and will focus on analysis of the works and essay writing. The expected outcome of this course is developing Intermediate-high to Advanced-Mid proficiency. This course is conducted in Spanish.

FOUNDATION PLAN LOTE REQUIREMENTS

Any two levels in the same language

Two credits in Computer Programming Languages

If a student, in completing the first credit of LOTE, demonstrates that the student is unlikely to successfully complete the second credit, the student may substitute one credit in another appropriate course as follows:

- Special Topics in Language & Culture

- World History or World Geography (course not taken as requirement for graduation)

 LOTE Course

 Computer Programming Language New TEA Course Available 2016-2017. TEA will allow Computer Science I and II to satisfy the LOTE requirement for students graduating on the FHSP diploma IF both courses are completed prior to Fall 2016. These courses may NOT meet college admissions requirements as a foreign language. Check with colleges you plan to attend.

Local district quidelines will determine whether the student has the ability to complete the second credit of LOTE.

Students with disabilities may be allowed to substitute courses for the LOTE requirement as determined by the student's ARD or 504 committee. Possible substitutions may include a combination of two credits from:

English Language Arts, Mathematics, Science, Social Studies

Two credits in Career & Technical Education or Technology Applications courses

GPA Level: 2

ENRICHMENT COURSES

ACADEMIC PREPARATION

ACADEMIC DECATHLON

19100100 Academic Decathlon, .5 - 1 credit (Local)

Grade: 9-12

Recommendation: Previous test results

Prior achievement in high school and other academic data

Teacher and counselor recommendations Personal interviews with course instructors

Academic Decathlon provides an intensive, exciting, demanding, and rewarding educational experience which culminates with competition in area, state, and national competitions. Higher level and critical thinking skills, creative and productive thinking, and independent and guided research are all used in preparation for the competition experienced through the Decathlon program. In researching and writing a speech, students will compose an original paper for oral delivery which encompasses an evaluative and critical process. Additional time beyond regular school hours is often required.

19746500 Academic Octathlon 1 credit (Local)

Grade: 9-10

Recommendation: None

Academic Octathlon is an 18 week elective for freshmen and sophomores who wish to compete in eight academic areas: art, music, language and literature, social studies, science, math, economics, and the Super Quiz over a new subject each year. Past Super Quiz topics have been the human brain, the Internet, world trade, the Lewis and Clark Expedition and astronomy. The team is composed of nine students: three students with 'A' averages, three with 'B' averages and three with 'C' averages. The class is offered the third and forth nine weeks in the spring term.

AP SEMINAR

79481202 AP SEMINAR, 1.0 credit

Grade: 11

Recommendation: None

New!

GPA Level 3

GPA Level: 3

AP Seminar is the first of two courses designed to allow students to complete the new diploma from College Board. In AP Seminar, students investigate real-world issues from multiple perspectives, gathering and analyzing information from various sources in order to develop credible and valid evidence-based arguments. This course is only available at FMHS main campus. Prerequisites required by College Board may impact student eligibility for enrollment.

79720020 Gifted/Talented Independent Study Mentorship-Online, .5

Grade: 9-12 GPA Level: Recommendation: None



The Online GT Independent Study course provides an opportunity for high school students to pursue their passions. Based on the work of the Texas Performance Standards Project, this course asks students to explore their interests, propose a project, work with mentors and a committee, and present their findings and experience. With a mentor, students will set goals and meet regularly to ensure student success. Instruction and content are delivered primarily over the Internet, and students may have opportunities to meet face-to-face for collaboration, group work and personalized instruction.

PSAT/SAT/ACT/AP PREPARATION/READING

19100500 PSAT TEAM, .5 credit (Local)

Grade: 11

Recommendation: By invitation

The PSAT Team is an intensive educational experience that prepares students for the PSAT administered in October of the junior year. The rigorous instruction is designed to improve both verbal and quantitative test scores. An integral component of this course is attendance at a 20-hour summer seminar and four Saturday sessions preceding the October PSAT administration.

19101000 PSAT CLASS, .5 credit (Local)

Grade: 11

Recommendation: Passing score on English 1 and Algebra 1 STAAR

The PSAT Class is open to those Juniors who want to develop their verbal and quantitative skills in preparation for the October PSAT. Students can expect a demanding course of study and may be required to attend a 20-hour summer seminar and four Saturday sessions preceding the October PSAT administration. Purchase of the SAT Study Guide is recommended.

19101500 SAT/ACT PREP CLASS, .5 credit (Local)

Grade: 11-12

Recommendation: Passing score on English 1 and Algebra 1 STAAR

The SAT Prep. Class is available to any Junior or Senior who wants help preparing for the SAT. Test taking skills and specific test items are emphasized for both the verbal and quantitative sub-tests. An ACT component will also be included. Purchase of the SAT Study Guide is required at some campuses and recommended at others.

19101520 SAT/PSAT/ACT PREP CLASS - ONLINE, .5 Local Credit

Grade: 11-12

Requirements: Course fee \$300

For the SAT and PSAT, students must sharpen their critical thinking, math conceptualization, reading and vocabulary skills. This Online course is designed as a test review course that will help students apply knowledge to practical problems taken from the SAT exams and learn key test-taking strategies. It provides valuable opportunity for students to learn how to tackle the mandatory essay with confidence, and learn strategies and shortcuts to overcome the many traps on the SAT and PSAT. An ACT component will also be included. Instruction and content are delivered primarily over the Internet, and students may have opportunities to meet face-to-face for collaboration, group work and personalized instruction. Purchase of *The* Official *SAT Study Guide* is required.

19101720 ENGLISH SAT/PSAT/ACT PREP CLASS - ONLINE, No Credit

Grade: 10-12

Requirements: Course fee \$150

For the reading and writing sections of the SAT, PSAT, and ACT students must sharpen their critical thinking, strengthen reading and vocabulary skills, review grammar, and master writing a timed position essay. This online enrichment course is designed as a test review course which will help students learn key concepts and strategies that they will apply to the reading and writing portions of the SAT and ACT exams. The course provides a valuable opportunity for students to maximize their test performance while sharpening the English skills needed for college success. Instruction and content are delivered primarily over the Internet, and students will be required to participate in weekly online collaborative sessions. Purchase of *The* Official *SAT Study Guide* is required.

19101620 MATH SAT/PSAT/ACT PREP CLASS - ONLINE, No Credit

Grade: 10-12

Requirements: Course fee \$150

For the math section of the SAT, PSAT, and ACT students must sharpen their quantitative skills. This online enrichment course is designed as a test review course which will help students learn key concepts and strategies that they will apply to the math portions of the SAT and ACT exams. The course provides a valuable opportunity for students to maximize their test performance while sharpening the quantitative skills needed for college success. Instruction and content are delivered primarily over the Internet, and students will be required to participate in weekly online collaborative sessions. Purchase of *The* Official *SAT Study Guide* is required.

395XXXXX AP TEST PREP, .5 credit (Local)

Grade: 9-12

Recommendation: AP Science, AP Government or AP Macroeconomics

In preparation for the Advanced Placement tests in Science, Government and Macroeconomics exam, this course develops critical thinking and evaluation skills. See specific departments for appropriate course numbers. Course open to students enrolled in AP courses.

Academic Studies/Study Skills/STAAR Review

19262026 STAAR Review: Language Arts, .5 - 1.5 credits (Local)

Grade: 9-12

Recommendation: Course is required for each student who fails the STAAR

This course provides instruction and strategies to prepare students to pass the STAAR Language Arts test, which includes both reading and writing required for high school graduation.

19339026 STAAR Review: Mathematics, .5 - 1.5 credits (Local)

Grade: 9-12

Recommendation: Required course for each student who fails the STAAR

Instruction in this course will focus on skills/concepts and processing skills related to the STAAR objectives.

19339526 STAAR REVIEW: SCIENCE, .5 - 1.5 credits (Local)

Grade: 9-12

Recommendation: Failure of Science STAAR

Instruction in this course will focus on skills related to the STAAR objectives.

19340026 STAAR REVIEW: Social Studies, .5 -1.5 credits (Local)

Grade: 9-12

Recommendation: Failure of STAAR Social Studies

Instruction in this course will focus on skills related to the STAAR objectives.

19262518 MTA Reading I, .5 - 1 credit (May be repeated for credit) (Local)

Grade: 9-12

Recommendation: Dyslexia screening and 504 placement

A multi-sensory reading program which provides specific skill instruction for approved students.

19263018 MTA Reading II, .5 - 1 credit (May be repeated for credit) (Local)

Grade: 9-12

Recommendation: Dyslexia screening and 504 placement

A multi-sensory reading program which provides specific skill instruction for approved students.

19261600 College Readiness and Study Skills, .5 credit

Grade: 11-12

Recommendation: Recommended for college or trade school bound students

This course is for high school students who are looking ahead to life after high school, whether that involves college, trade school, or the workforce. Students will learn study skills for better academic performance and how to develop their reading skills to ensure success in whatever path they choose. Topics covered will include time management, vocabulary development, listening skills, and note-taking. Improving reading levels and increasing student background knowledge are stressed, as well as some practical applications of these skills and strategies.

19258020 READING II: WORKPLACE READING - ONLINE, .5 credit

Grade: 9-12

Recommendation: Recommended for students who plan to attend a career center or enter the workplace immediately after graduation

This course is designed for students who are interested in a practical application of reading skills via a career-based model. Students who are considering enrolling at the career center and/or those who plan to enter the workplace instead of/before attending college are candidates for this course. This course will look at the complex nature of workplace texts and sharpen their reading skills on these largely informational texts which can often be as difficult as the texts the college bound encounter. Emphasis will be on developing a skill set for comprehending text and communicating in a workplace-related context. Students can expect to examine a wide variety of workplace-related texts and to also read deeply in their field of interest as they develop recognition of their personal reading profile. Instruction and content are delivered primarily over the Internet, and students may have opportunities to meet face-to-face for collaboration, group work and personalized instruction.

19261700 Reading Applications, .5 credit (Local)

Grade: 9-10

Recommendation: None

This course is designed for freshmen and sophomores adjusting to the increased academic demands of high school, and will focus on improving the student's reading skills and capacities, as well as developing productive strategies for studying, goal setting, and time management

19257500 READING I. .5 - 1 credit

Grade: 9-12

Recommendation: None

This course is designed for students who need additional help to develop their reading skills by developing vocabulary, increasing fluency, improving reading speed, and building comprehension for a variety of texts. The classes will assess individual student abilities and design a growth program to move students to an increased reading capacity through whole class, small group, and individual reading structures.

19258000 READING II, .5 - 1 credit

Grade: 10-12

Recommendation: None

This course is designed for students who need additional help to develop their reading skills by developing vocabulary, increasing fluency, improving reading speed, and building comprehension for a variety of texts. The classes will assess individual student abilities and design a growth program to move students to an increased reading capacity through whole class, small group, and individual reading structures.

19258500 READING III, .5 - 1 credit

Grade: 9-12

Recommendation: Reading II

This course is designed for students who need additional help to develop their reading skills by developing vocabulary, increasing fluency, improving reading speed, and building comprehension for a variety of texts. The classes will assess individual student abilities and design a growth program to move students to an increased reading capacity through whole class, small group, and individual reading structures.

79480000 PEER ASSISTANCE AND LEADERSHIP TRAINING (PAL I), .5 - 1 credit

Grade: 11-12

Recommendation: Nomination, Application, Recommendation, Interview

The Peer Assistance and Leadership Training Program will address two groups: (1) high school students who will work as peer facilitators with students on their own campus as well as with elementary and middle school students from the feeder schools; and (2) the recipients of the services. Curriculum for PAL peer helpers will include the development of knowledge and skills in social and listening skills, confidentiality and liability issues, group dynamics, communication skills, helping and facilitating strategies, decision-making and problem-solving skills, conflict resolution, peer pressure reversal, and dealing with grief and loss.

79480500 PEER ASSISTANCE AND LEADERSHIP TRAINING (PAL II), .5- 1 credit

Grade: 11-12

Recommendation: Peer Assistance Leadership Training I

Nomination by teacher, counselor, or administrator

Interview

The Peer Assistance Leadership Training II course is a peer helping program in which selected high school students will be trained to work as peer facilitators with other students on their own campuses, and/or from feeder middle and elementary schools. Likewise, the Peer Assistance and Leadership course is intended to provide a field experience for young people who are potentially interested in careers in education and/or related helping professions.

79481000 TEEN LEADERSHIP, .5 credit

Grade: 9-12

Recommendation: None

Teen Leadership is a program in which students learn to develop a healthy self-concept, healthy relationships, and to understand the concept of personal responsibility. Students will develop skills in public speaking and communication, and an awareness about personal image. They will develop the concept and principles for decision making. They will develop an understanding of the effects of peer pressure, will develop skills to counteract those effects, and will develop problem-solving skills. They will also develop an understanding of the need for vision in goal setting and setting personal goals.

79481200 TEEN LEADERSHIP II, .5 credit

Grade: 9-12

Recommendation: Teen Leadership



Teen Leadership II is a highly interactive course that provides continual leadership development. A major focus will be student-led service projects. It will further strengthen self-concept and interpersonal skills. Students will be able to apply and practice the leadership skills they have learned while being involved with the community.

79482000 STUDENT COUNCIL, .5 credit (Local)

Grade: 9-12

Recommendation: Instructor Approval

This course is designed for student council members focusing on leadership skills.

79482500 STUDENT LEADERSHIP, .5- 1 credit

Grade: 9-12

Recommendation: Teacher approval

This course is for student council members and officers and is designed for students to improve their leadership skills. Students will demonstrate these skills in dealing with peers, school administrators and the community.

79900000 STUDENT AIDE, .5- 1 credit (Local)

Grade 11-12

Recommendation: Approval of the Principal

This course is designed to provide student assistants for the office, library, science labs, physical education classes, industrial arts classes, theater classes and counselor's office.

ATHLETICS

The following are offered at: Lewisville High, Marcus High, The Colony High, Flower Mound High, and Hebron High Schools. All athletic programs are offered for 18 weeks for one (1) credit.

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CAREER & TECHNICAL PROGRAMS & ACHIEVETEXAS

The AchieveTexas College and Career Initiative focuses on establishing career clusters in all of our schools as a strategy for improving high school completion rates and college and workforce readiness. It is based on the belief that the curricula of the 21st century should combine rigorous academics with relevant career education that incorporates the College Readiness Standards, personalized learning environments, academic and social support, relevant teaching and learning designed to promote postsecondary success, and effective educators and leaders. Career clusters are a way of reorganizing learning around programs of study that will prepare students for an ever more competitive global economy.

In Texas, we have adopted the U. S. Department of Education's Career Clusters System. The 16 broad career clusters and 79 programs of study support the Governor's Industry Cluster Initiative, which identifies high-growth/high-paying jobs for the 21st-century Texas economy. AchieveTexas offers guidance to help students plan their educational experience based on their career goals and allows students to develop the knowledge and skills necessary for a successful transition into skilled employment, advanced training, an associate's degree, a bachelor's degree, or technical certification. Career programs of study represent a recommended sequence of courses based on a student's personal interests and career goals. The idea is to connect what students learn in school every day to what they aspire to do tomorrow, thus increasing engagement with school and motivation to achieve.

ACHIEVETEXAS 16 CAREER CLUSTERS:

Agriculture, Food and Natural Resources
Architecture and Construction

Arts, A/V Technology and Communication

Business Management and Administration
Education and Training
Finance

Government and Public Administration
Health Science
Hospitality and Tourism
Human Services
Information Technology

Public Safety, Corrections and Security
Manufacturing
Marketing, Sales and Services

Science, Technology, Engineering and Mathematics
Transportation, Distribution and Logistics

LEWISVILLE ISD CAREER AND TECHNICAL EDUCATION PROGRAMS OF STUDY



Animal Science Focus

Principles of Agriculture, Food & Natural Resources (9-12) Wildlife, Fisheries & Ecology Management (.5)(9-12) Equine Science (.5) (9-12) Livestock Production (.5) (9-12) Advanced Animal Science (11-12) Practicum in Agriculture, Food & Natural Resources (2) (12)

Horticulture/Floral Design Focus

Principles of Agriculture, Food & Natural Resources (9-12)
Principles & Elements of Floral Design (9-12)
Horticulture Science (.5)(9-12)
Landscape Design & Turf Management (.5)(9-12)
Plant and Soil Science (.5)(11-12)
Practicum in Agriculture, Food & Natural Resources (2) (12)

Agriculture Mechanics Focus

Principles of Agriculture, Food & Natural Resources (9-12) Agricultural Mechanics & Metal Technologies (9-12) Practicum in Agriculture, Food & Natural Resources (2) (12)



Architectural Design Focus

Principles of Architecture & Construction (9-12) Architectural Design (9-12) Advanced Architectural Design (2) (10-12) Practicum in Architectural Design (2) (12)

Construction Technology Focus

Principles of Architecture and Construction (9-12) Construction Technology (9-12) Advanced Construction Technology (2) (10-12) Mill and Cabinetmaking (2)(10-12) Practicum in Construction Management (2)(11-12)

Interior Design Focus

Principles of Architecture and Construction (9-12) Interior Design (1.0)(9-12) Advanced Interior Design (2)(10-12)



Audio Video Focus

Principles of Arts, A/V Technology & Communication (9-12) Audio Video Production (2)(10-12) Advanced Audio Video Production (2) (10-12) Practicum in Audio Video Production (2) (11-12)

Fashion Design Focus

Principles of Arts, A/V Technology & Communication (9) Fashion Design (9-12) Advanced Fashion Design (10-12)

Animation Focus

Principles of Arts, A/V Technology and Communications Animation (2)(10-12) Advanced Animation (2)(11-12) Practicum in Audio Video Production (2)(11-12) Video Game Design (9-12)

Graphic Design Focus

Principles of Arts, A/V Technology & Communications (9-12) Graphic Design and Illustration (2)(10-12) Advanced Graphic Design and Illustration (2)(10-12) Practicum in Audio Video Production (2)(11-12)

Professional Communication may be added to any sequence in Audio Video & Communications



Business Management Focus

Principles of Business, Marketing & Finance (9-11) Business Law (.5) (11-12) Global Business (.5) Business Management Virtual Business (.5)(9-12) Practicum in Business Management

Business Administration Focus

Principles of Business, Marketing, & Finance Touch Systems Data Entry (.5)(9-12) Business Information Management I (9-12) Business Information Management II (10-12) Practicum in Business Management (3) (9-12)



Principles of Education and Training (.5)(9-12) Human Growth & Development (9-12) Instructional Practice in Education & Training (10-12) Problems & Solutions in Education & Training (1) (12)



Principles of Business, Marketing & Finance (9-12) Money Matters (9-12) Banking & Financial Services (.5) (9-12) Accounting I (9-12) Accounting II (10-12)



Principles of Health Science (.5)(10-12)
Health Science (10-12)
Medical Terminology (.5)(10-12)
Lifetime Nutritiion and Wellness (.5)(9-12)
Anatomy & Physiology (11-12)
Microbiology (.5)(11-12)
Pathophysiology (.5)(11-12)
Practicum in Health Science (Pharmacy Tech)(2)(11-12)
Practicum in Health Science (Medical Asst)(2)(11-12)
Practicum in Health Science (Clinical Rotation)(2)(11-12)



Culinary Arts Focus

Culinary Arts (2) (10-12) Practicum in Culinary Arts (2) (11-12)

Hospitality Focus

Hospitality Services (2)(10-12) Practicum in Hospitality Services (2)(11-12)



Child Development Focus

Principles of Human Services (.5) (9-12) Child Development (10-12)

Cosmetology Focus

Principles of Human Services (.5)(9-12) Cosmetology I (4)(11) Cosmetology II (4)(12)

Interpersonal Focus

Principals of Human Services (.5)(9-12) Interpersonal Studies (.5)(9-12)

Lifetime Nutrition and Wellness(.5)(9-12) may be added to any Human Services sequence.



Computer Programming Focus

Principles of Information Technology (9-12) Computer Maintenance (2) (9-12) Computer Programming (10-12) Advanced Computer Programming (10-12) Computer Science AP (11-12)

Multimedia Focus

Principles of Information Technology (9-12) Digital & Interactive Multimedia (9-12) Web Technologies (9-12) Internetworking Technologies I (2)(10-12) Desktop Publishing (11-12)

Geographic Information Systems Focus

Principles of Information Technology (9-12)



Law Enforcement Focus

Principles of Law, Public Safety, Corrections & Security (10-12) Law Enforcement I (10-12) Courts Systems and Practices (10-12) Forensic Science (10-12) Law Enforcement II(10-12) Practicum Law, Public Safety, Corrections & Safety (2)(11-12) Correctional Services (2)(12)



Welding Focus

Welding (2) (11-12) Advanced Welding (2) (11-12) Practicum in Manufacturing (2)(11-12)



Marketing Focus

Advertising & Sales Promotion (9-12) Sports and Entertainment Marketing (9-12) Entrepreneurship (9-12) Practicum in Marketing Dynamics (2) (10-12) Practicum in Marketing Dynamics II (2) (10-12)



Biotechnology Focus

Biotechnology (10-12)
Engineering Design & Problem Solving - Biotechnology(10-12)
Practicum in STEM (2) (12) (2)(12)

Engineering Focus

Engineering Design and Presentation (9-12)
Engineering Mathematics (10-12)
Robotics and Automation (10-12)
Engineering the Digital Future (11-12)
Engineering Design and Problem Solving-Infinity (11-12)
Practicum in STEM (12)



Automotive Technology Focus

Automotive Technology (2) (11-12)
Advanced Automotive Technology (2) (11-12)
Practicum in Transportation, Distribution, & Logistics (2)(12)

Automotive Collision Focus

Collision Repair and Refinishing (2)(10-12) Advanced Collision Repair and Refinishing (2)(10-12 Practicum in Transportation, Distribution, & Logistics (2)(12)

PLEASE NOTE:

- Students should use the Program of Study chart as a guide when completing their 4-year plan
- Some courses have pre-requisites or corequisites; See the High School Course Planning Guide for additional information.
- Students may choose to change from one Program of Study to another
- Programs of Study provide opportunities for career exploration in high school through courses that are rigorous and relevant

CAREER CENTER COURSES BY CAMPUS

DALE JACKSON CAREER CENTER

CAREER CENTER EAST

Advanced Audio Video Production Advanced Collision Repair & Refinishing Advanced Construction Management Advanced Construction Technology

Advanced Welding

Audio and Video Production - Film & Video

Career Preparation I Career Preparation II

Clinical Rotation (Practicum I) Collision Repair & Refinishing

Computer Maintenance
Construction Technology
Correctional Services
Court Systems and Practices

Cosmetology I
Cosmetology II

Forensic Science (CSI)

Health Science Hospitality Services

Internetworking Technologies (Network +)

Practicum Audio Video Production
Practicum Construction Management I
Practicum Construction Management II

Practicum in Health Science - Medical Assistant

Practicum Hospitality And Tourism

Practicum Manufacturing I Practicum Manufacturing II

Practicum Transportation, Distribution & Logistics II (Auto Collision)

Principles of Architecture & Construction Principles of Health Science

Welding

Advanced Animation

Advanced Architectural Design Advanced Audio Video Production

Advanced Automotive Technology (NATEF) Advanced Graphic Design And Illustration

Animation

Applications in Geospatial Project Management Audio and Video Production - TV Broadcasting

Automotive Technology (NATEF)

Biotechnology
Career Preparation I
Career Preparation II
Cosmetology I
Cosmetology II
Education & Training

Engineering Design & Problem Solving (Bioengineering)
Engineering Design & Problem Solving (Engineering Math)
Engineering Design & Problem Solving (The Digital Future)

Engineering: The Digital Future (Infinity)

Game Programming and Design Graphic Design And Illustration

Health Science Law Enforcement I Law Enforcement II Medical Terminology

Mobile Application Development Pharmacy Technician (Practicum II) Practicum Architectural Design Practicum Audio Video Production

Practicum Graphic Design And Illustration
Practicum Law, Public Safety, Corrections & Security

Practicum Science, Technology, Engineering And

Mathematics

Practicum Transportation, Distribution, & Logistics
Principles of Arts, A/V, Technology, & Communications

Principles of Health Science

Principles of Law, Public Safety, Corrections, Security & Law Enforcement

Professional Communications for Arts, A/V Technology & Communications

Robotics and Automation Video Game Design Web Game Development

Web Game Development

AGRICULTURAL FOOD AND NATURAL RESOURCES (MHS & LHS only)

Courses in this cluster may satisfy the BUSINESS & INDUSTRY ENDORSEMENT for the Foundation High School Program. See the FHSP Parent/Student Guide for more information.

NOTE: Students that are housing animals at the Chester Boyd Center will be assessed a \$35 fee.

The State Board of Education requires students enrolled in Agricultural Science and Technology courses to have a supervised agricultural experience program (SAEP). A copy of complete rules and guidelines is available in the Agricultural Science and Technology Department on each campus or in the counseling office.

79730100 Principles of Agriculture, Food & Natural Resources, 1 credit

Grade: 9-12

Recommendation: None

Principles of Agriculture, Food & Natural Resources is a comprehensive course that provides students the knowledge and skills necessary for career planning and advanced study in the broad field of agriculture/agribusiness. Topics of instruction include the agricultural industry and its global importance; agricultural leadership organizations; agricultural research; concepts of animal and plant science; basics of mechanized agriculture; personal and communication skills; and citizenship and cooperation.

79730200 AGRICULTURAL MECHANICS & METAL TECHNOLOGIES, 1 credit

Grade: 10-12

Recommendation: Principles of Agriculture, Food & Natural Resources

Agricultural Mechanics & Metal Technologies is a course that introduces students to agricultural mechanics with emphasis on theory and technical skill development. Topics and skill areas include safety, tool identification, carpentry, electricity, plumbing, masonry, fencing, painting, and hot and cold metal skills as it relates to the welding process. (Lab Fees Required)

79734600 LIVESTOCK PRODUCTION (ANIMAL SCIENCE), .5 credit

Grade: 10-12

Prerequisite: None

Recommendation: Principles of Agriculture, Food & Natural Resources

Animal Science explains animal anatomy and physiology related to nutrition, reproduction, health, and management of livestock animals; identifies nutritional requirements of ruminant and non-ruminant animals; and discusses animal genetics, reproduction, animal pests and diseases, and traditional and current issues in animal agriculture and livestock production.

79735100 Equine Science, .5 credit

Grade: 10-12

Recommendation: Principles of Agriculture, Food & Natural Resources

Equine Science identifies and analyzes horse selection, feeding, handling, care, breeding, and other management techniques.

79730600 ADVANCED ANIMAL SCIENCE, 1 credit (qualifies for a Science credit)

Grade: 11-12

Recommendation: Principles of Agriculture, Food & Natural Resources

Prerequisite: Animal Science or Equine Science

Advanced Animal Science demonstrates principles relating to the interrelated human, scientific, and technological dimensions of animal agriculture and the resources necessary for producing domesticated animals; applies the principles of genetics and breeding to livestock improvement; examines animal anatomy and physiology in livestock species; recognizes policies and issues in animal science; discusses slaughter livestock operations; and explores methods of marketing livestock. **Qualifies for a Science credit.**

79733100 HORTICULTURAL SCIENCES, .5 credit

Grade: 10-12

Recommendation: Principles of Agriculture, Food & Natural Resources

Horticultural Science is a course designed to introduce students to horticultural sciences with emphasis on technical skills, entrepreneurship, occupational opportunities, and horticultural business practices. Topics of instruction include plant identification and classification, greenhouse and nursery structures and equipment, plant propagation, and cultural requirements for growing horticultural plants. Also included is related information on landscaping; floral design; fruit, nut, and vegetable crop production; safety; leadership; and career opportunities.

79735600 Landscape Design & Turf Grass Management, .5 credit

Grade: 10-12

Recommendation: Principles of Agriculture, Food & Natural Resources

Landscape Design & Turf Grass Management is a technical course that prepares students to design, construct, and maintain landscape and turf grass areas for the beautification of home grounds and other areas of human habitation and recreation. Instruction emphasizes the design process, client interview and site analysis, landscape design principles and plan preparation, and the selection of plants and landscape structures. Also included is related information on plant installation; maintenance tasks; safety; landscaping tools and equipment; and service contracts related to landscape design, installation, and maintenance.

79731200 PRINCIPLES AND ELEMENTS OF FLORAL DESIGN, 1 credit (offered at MHS and LHS only)

Grade: 9-12

Recommendation: Principles of Agriculture, Food & Natural Resources

Principles and Elements of Floral Design is a technical course that prepares students to design and arrange floral materials, tropical and blooming plants for special occasions, and for use and placement in interior locations. Topics of instruction include identification and classification of fresh-cut floral materials; fresh flower and foliage care and handling; design principles, elements, and mechanics; and the construction of basic and contemporary geometric designs, boutonnieres, and corsages using fresh-cut, dried, and/or permanent floral materials. Also included is related information on tropical foliage and blooming plant identification, interior landscape design, cultural requirements and tasks for maintaining healthy interior plants, and safe work practices. This course prepares students for a career in the floral industry and emphasizes certification from the Texas State Florist Association. (Lab Fees Required). This course will satisfy the Fine Art requirement for all graduation plans.

GPA Level: 1

79731100 Problems & Solutions: Plant & Soil Science, 1 credit

Grade: 11-12

Recommendation: Principles of Agriculture, Food & Natural Resources

Principles & Elements of Floral Design

Landscape Design & Turf Grass Management

Horticultural Science

Advanced Plant and Soil Science identifies skills relating to the interrelated human, scientific, and technological dimensions of crop production and the resources necessary for producing domesticated plants, identifies key factors in large-scale agricultural production, and develops scenarios for advances in plant and soil science.

79737100 WILDLIFE FISHERIES & ECOLOGY MANAGEMENT, .5 credit

Grade: 9-12

Recommendation: Principles of Agriculture, Food & Natural Resources

Wildlife Fisheries & Ecology Management is designed to examine the importance of wildlife and ecosystem management. The emphasis is on the sound management of wildlife and all natural resources in a way that promotes continued use. A study of aquatic plants and animals, water management, and safety education programs for hunters, boaters, and anglers are emphasized.

79731300 Practicum in Agriculture, Food & Natural Resources, 2 credits

Grade: 12

Recommendation: Completion of at least three courses in a career coherent sequence

This course is a project-based learning experience developed by a student or group of students, teacher, and an interdisciplinary mentor team. The project provides opportunities for an in-depth study of at least one aspect of the agricultural science and technology area. The student or group demonstrates the ability to utilize a variety of resources, advanced technology, and communication skills in the development and presentation of the project.

ARCHITECTURE AND CONSTRUCTION

(Bus transportation provided to Career Centers)

ALL courses at the Career Centers are DOUBLE BLOCKED 3 hour classes

Courses in this cluster may satisfy the BUSINESS & INDUSTRY ENDORSEMENT for the Foundation High School Program. See the FHSP Parent/Student Guide for more information.

ARCHITECTURE AND CONSTRUCTION, 2 credits

Grade: 9-12 89180000 (DJCC)

79180000 (High School) PRINCIPLES OF ARCHITECTURE & CONSTRUCTION (Woodworking Tech), 1 credit

Recommendation: None

Principles of Architecture and Construction provide an overview to the various fields of architecture, interior design, construction science, and construction technology. Safety and career opportunities are included, in addition to work ethics and job-related study in the classroom such as communications; problem solving and critical thinking. This exploratory course addresses the knowledge and skills important in manufacturing industry. Students study common manufacturing tools, machines, materials and processes in a laboratory setting. After completing core projects, students have the opportunity to build individual projects with approval of the instructor. Students wishing to build a project are expected to pay for all materials. Offered at The Colony High School and Dale Jackson Career Center** (if taken at DJCC, students must sign up simultaneously for Construction Technology below for the 2 credit program)

89772100 (DJCC)

79722100 (High School) CONSTRUCTION TECHNOLOGY (ADVANCED WOODWORKING PROCESSES), 1 credit Prerequisite: Principles of Architecture and Construction

This is a technical course that enhances the understanding of various materials, processes, and products. This class is particularly helpful for students who have AutoCAD experience that would like to combine with some hands on experience to be more competitive in the job market. Materials studied may include polymers, adhesives, woods, and composites. Experiences include safety and instruction of tools and machines associated with manufacturing. Mathematical and scientific concepts are stressed as students study various processes used for transforming materials into products such as computer stations, desks, entertainment centers, and tables, etc. Students study the design of products, quality control, and design of production tooling, machine tool setups, and manufacturing systems. Students wishing to build projects are expected to pay for all materials. Offered at The Colony High School Only and DJCC. If taken at DJCC, must sign up simultaneously with Principles of Architecture and Construction.

89722600 ADVANCED CONSTRUCTION TECHNOLOGY (PREVIOUSLY MILL & CABINETMAKING I), 2 credits

Grade 10-12 or Age 16+

Prerequisite: Construction Technology

Students gain advanced knowledge and skills specific to those needed to enter the work force as carpenters, building maintenance technicians, supervisors, or prepare for a postsecondary degree in construction management, architecture, or engineering. Instruction will include the safe use and maintenance of hand, portable power, and machine tools. Students will learn and apply the basic elements of project planning such as measurements and drafting techniques. Skills USA is part of the class. Students will complete and be issued a 10hr OSHA (Occupational Safety and Health Administration) safety card which is issued to them by the U.S. Department of Labor and good for the rest of their life. Students wishing to do projects will be expected to pay for all materials. **Offered at Dale Jackson Career Center Only**

89819100 MILL AND CABINETMAKING TECHNOLOGY I (PREVIOUSLY MILL & CABINETMAKING II), 2 credits

Grade: 10-12 or Age 16+

Prerequisite: Construction Technology

Students will have the opportunity to develop skills needed in the area of industrial woodworking or millwork – manufacturing and production of quality cabinets and furniture. This class is great for students who want to jumpstart their career in areas such as Manufacturing Engineer, Cabinet Maker, Interior Design, etc. Students will be made aware of new technological advancements and changes occurring in this traditional but progressing industry. Upon completion of this class students will have the opportunity to take the Woodwork Career Alliance (WCA) national certification. Dale Jackson Career Center is one of only two schools in the state that can offer this industry recognized certification. Students wishing to do personal projects will be expected to pay for the materials. **Offered at Dale Jackson Career Center Only**

89811400 Practicum in Construction Management I, 2 credits

Grade: 11-12

Prerequisite: Mill and Cabinet Technology

Must have own transportation to work-based learning site

This is a lab based study that develops the essential knowledge and skills through a learning experience that is developed by the student and teacher. This training plan provides opportunities for an in-depth study of at least one aspect of the industry. Topics common to this study include safety, leadership, entrepreneurship, work ethics, career opportunities, and job acquisition skills. The student will demonstrate the ability to utilize a variety of resources, advanced technology, and communication found in the work place. **Offered at Dale Jackson Career Center Only**

89814900 CAREER PREP I, 2 credits

Grade: 11-12 or age 17+

Prerequisite: Practicum in Construction Management I

Must have own transportation to work-based learning site

This course is a continuation of the instructional arrangement that develops occupationally specific skills through a combination of school-based technical instruction and coordinated work-based training. Career development through post-secondary job placement, training and education will be emphasized.

79770600 Engineering Design and Presentation, 1 credit

Grade: 9-10

Recommendation: None

This is a technical course with an emphasis in using drafting equipment and engineering design software as tools in preparing pictorial representations, 3-D working models in addition to detailed assembly drawings. Industry-standard software design packages used include programs created by Autodesk. Student experience in engineering graphics includes technical illustration techniques, desktop publishing, computer presentations, inventing, and prototyping. This course DOES NOT meet Science requirements for graduation.

79771100 (Campus) Architectural Design, 1 credit 89771100 (CCE)

Grade: 9-12

Recommendation: None

This is a technical course in principles of design, styles, and construction practices used by Architects and Engineers. The course emphasis is based on visual and electronic technologies provided by various Industrial Standardized programs created by Autodesk; Student's experiences may include learning Industrial Standards, OSHA and International Regulations, Technical Sketching and illustration, Manual Drafting, Computer Design, 3D and Scale Model Design, Floor Plan Design, and Document

Publishing. Offered at Career Center East, FMHS, HHS, LHS, and MHS. CCE offering is for 2 credits

89771200 ADVANCED ARCHITECTURAL DESIGN, 2 credits

Grade: 10-12

Prerequisite: Architectural Design

Students will continue their investigation of residential design and construction in a series of independent projects emphasizing creative thinking and innovative design solutions. Projects will incorporate significant research from multiple subjects both within and outside architecture. Each student will explore and develop their design solution through sketching, model construction, and presentation renderings. Projects are developed with hand drafting as well as digital tools including Sketchup, and Autodesk Revit. A study of sustainable or "green" design will be included throughout the semester. Each project culminates with a presentation of student design solutions before a jury of architectural professionals. **Offered at Career Center East Only**

89771300 Practicum in Architectural Design, 2 credits

Grade: 11-12

Prerequisite: Architectural Design

Advanced Architectural Design

Practicum architecture students are given complex architectural projects from which to develop creative solutions for presentation to a jury of professionals for evaluation. Projects in the Practicum class focus on commercial or institutional buildings at much larger scales than previous classes. Additional studies incorporated into coursework include advanced architectural theory, urban design, and advanced sustainability concepts. Projects in this course emphasize independent research and development of individual student concepts for real-world problems **Offered at Career Center East Only**

89771400 PRACTICUM IN ARCHITECTURE DESIGN II, 2 credits

Grade: 12

Prerequisite: Practicum in Architectural Design

This course is the culmination of architecture study for LISD students. Students in this course establish their own architectural project to develop over the course of the semester. Work in this class is independent with direction and input from the course instructor. Students are responsible for establishing their own body of research and creating an in-depth, innovative solution in response to their established problem. Semester studies culminate in public review and presentation of the work. **Offered at Career Center East Only**

79753700 Interior Design, 1 credit

Grade: 9-12

Recommendation: None

Through creativity and hands on experiences, this class discusses how students will enhance the environments in which they live and work. Studies include factors affecting housing choices, planning of interior environments, selecting appliances, furniture and accessories, and determining careers options.

79753600 ADVANCED INTERIOR DESIGN, 2 credits

Grade: 10-12

Recommendation: Interior Design

Continue your education of Interior Design in this lab based class. Intricate design techniques and equipment will be used. Students will develop a portfolio of sketches and design. Topics covered include, entrepreneurship and employment skills, commercial and residential interior drawing, redesign of furniture and spaces, and competences of systems and technology needed in work situations. Materials and supply fee may be required.

ARTS, AUDIO VISUAL TECHNOLOGY & COMMUNICATION (Bus transportation provided to Career Centers)

ALL courses at the Career Centers are DOUBLE-BLOCKED 3 hour classes

Courses in this cluster may satisfy the BUSINESS & INDUSTRY ENDORSEMENT for the Foundation High School Program. See the FHSP Parent/Student Guide for more information.

Introduction to Arts, A/V Technology and Communications, 2 credits

Grade: 9-12

Recommendation: None

(NOTE: BOTH COURSES MUST BE TAKEN FOR CREDIT)

89800100 PRINCIPLES OF ARTS, A/V TECHNOLOGY AND COMMUNICATIONS

This course is designed for freshman students as an introduction to the audio/video production, graphic design and animation industries. Students will learn the basic information about these different fields to prepare them for additional study in high school and college. Projects will include the creating video shorts, posters, and animated characters. Some examples of jobs in this cluster are videographer, animator, photographer, graphic designer, motion graphics designer, and many others. Offered at Career Center East Only.

89801200 PROFESSIONAL COMMUNICATIONS FOR ARTS, A/V TECHNOLOGY AND COMMUNICATIONS

Professional Communications is designed so that the student creates written, oral, and graphic communication using skills learned in the study of audio/video production, graphic design and animation. The student will learn to make presentations used in the media arts industry including advertising campaigns and story pitches. They will also learn techniques for using print, video, and animation to enhance presentations for any future career. Careers in media arts require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research. This course meets any speech requirement for graduation. Offered at Career Center East Only.

VIDEO GAME DESIGN AND GAME PROGRAMMING AND DESIGN, 2 credits

Grade: 9-12

Recommendation: Touch Systems Data Entry or BIM/Art I (NOTE: BOTH COURSES MUST BE TAKEN FOR CREDIT)

89804400 VIDEO GAME DESIGN

The Video Game Design class will provide students with the opportunity to design, program, and create functional video games. The course will introduce basic programming language and skills that are essential to developing a video game. Topics covered are math, physics, design, and computer programming. Knowledge and skills in programming and creating video games are delivered through totally interactive software. Through text, pictures, animations, digital video, and a highly interactive and self-directed curriculum, students are led through the exciting world of video game design. This course will instruct students on how to apply the design or problem solving process in order to create real world solutions and learn the basics of programming structure and functions. **Offered at Career Center East Only.**

See Next Page for Paired Course.

89804300 GAME PROGRAMMING AND DESIGN

Game Programming and Design is an introductory course to video game programming, level design, and video game art. Students will learn the principles and practice of modeling in polygons, applying textures and materials to those models, and rendering them with appropriate lighting. The models, characters, and images created will be optimized for game engines. Students will also add game audio sound effects and music as well as implement game sound mechanics, including playing, pausing, and looping. This course provides a solid foundation in the essentials of game design and the process of creating game assets. This course is a Technology Applications course, Offered at Career Center East Only.

WEB GAME DEVELOPMENT & MOBILE APPLICATION DEVELOPMENT, 2 credits

Grade: 10-12

Recommendation: Video Game Design and Game Programming and Design

(NOTE: BOTH COURSES MUST BE TAKEN FOR CREDIT)

89814300 WEB GAME DEVELOPMENT

The Web Game Development course will provide students with opportunities to use digital media and environments to research, evaluate, and create web forms for database processing. During this course, students will examine both Common Gateway Interface (CGI) and computergenerated imagery; learn to program web games with HTML5, CSS, and JavaScript; analyze and summarize streaming media/content and game broadcasting; and review the history of gaming; game types. Students will also investigate career opportunities in programming, gaming, art, design, business, and marketing; develop and create a gaming storyboard and script as well as implement graphic and game design elements. This course is a Technology Applications course and may count towards a Business & Industry Endorsement. Offered at Career Center East Only. This is a Technology Applications course.

89814400 MOBILE APPLICATION DEVELOPMENT

Mobile Application Development will foster students' creativity and innovation by presenting opportunities to design, implement, and deliver meaningful projects using mobile computing devices through problem-solving and collaboration. Students will gain an understanding of the principles of mobile application development through the study of development platforms, programming languages, and software design standards. Through data analysis, students will identify task requirements, plan search strategies, and use software development concepts to access, analyze, and evaluate information needed to program mobile devices. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. This course is a Technology Applications course and may count towards a Business & Industry Endorsement. Offered at Career Center East Only. This is a Technology Applications course.

79751300 Fashion Design, 1 credit

Grade: 9-12

Recommendation:

None

This fun fashion forward class will teach about sewing (machine and hand), sketching, fashion design, industry trends and careers, and developing a personal style. The use of technology, reusing, and repurposing will be discussed to get the most out of the apparel dollar. No pervious sewing experience necessary. Material and supply fees may be required.

79751600 Advanced Fashion Design, 2 credits

Grade: 10-12

Prerequisite: Fashion Design

Continue your education of Fashion Design in this lab based class. Intricate sewing techniques and equipment will be used. Students will develop a portfolio of sketches and design. This class culminates with a student designed fashion show. Materials and supply fee may be required.

89800200 GRAPHIC DESIGN AND ILLUSTRATION, 2 credits

Grade: 10-12

Recommendation: Principles of Arts, A/V Technology and Communications

This entry level course is for training in the visual communication portion of all media businesses. Here you can learn about a career in the many kinds of media and graphic design and illustration jobs. Digital photography and working towards the intermediate level use of image editing and drawing programs are strongly focused upon in this class. This is helpful for any future photographer, videographer, animator or advertiser. Beginning a high quality portfolio for college or design school is also a target goal. If you have ever wanted to design CD covers, create promo posters for your favorite band's latest concert, learn movie titling, or go on a field trip to a large Dallas ad agency to see how it really works, this may be the class you have wanted. Material costs for individual projects kept by the student may be charged. Material and supply fees may be required. **Offered at Career Center East Only.**

89800700 ADVANCED GRAPHIC DESIGN AND ILLUSTRATION, 2 credits

Grade: 10-12

Recommendation: Graphic Design and Illustration

Design portfolios are expanded upon and improved in this second year of Graphic Design and Illustration. Students typically have guest speakers from the industry as well as from post-secondary institutions. There is weekly study of college art and media programs. More time is spent learning advanced concepts in illustration and the advertising and media business as well as new software programs while continuing to hone skills in image editing and digital photography. Large format printing of projects is common in this class. Students may select an area of visual communication to begin specializing in during this year of study. It is a high level of media study where specializations such as motion graphics may begin. Students will have the opportunity earn and industry recognized certification at this level. Material costs for individual projects kept by the student may be charged. Material and supply fees may be required. *Adobe Certification Exams Available*. Offered at Career Center East Only

89800800 Practicum in Graphic Design & Illustration, 2 credits

Grade 11-12

Prerequisite: Advanced Graphic Design and Illustration

This course is recommended for students who have completed Advanced Graphic Design and Illustration. This course is meant to serve students interested in further development of a professional portfolio in addition to further development of skills and technical knowledge in the Arts, A/V Technology and Communications career cluster. Students will be expected to further develop knowledge and awareness of the industry of graphic design and illustration. Instruction may be delivered through labbased classroom experiences and/or career preparation opportunities. Material and supply fees may be required. *This course will satisfy the Fine Art requirement.* Offered at Career Center East Only

89816600 Audio and Video Production - Film & Video (DJCC), 2 credits

Grade: 10-12

Recommendation: Principles of Arts, AV Tech and Comm, Journalism, Theater, Photography, Art,

Graphics OR Animation Class

This course will explore the Audio and Video production industry and its post-secondary educational and career opportunities. Students will gain job-specific training for entry level employment in audio, video, television, and motion picture careers. Professional grade equipment and software will be used in the creation of student lead productions. Students will be involved in every aspect of several class and small group audio, video, and film style production projects with emphasis on live multi-camera video and film style production projects. Materials and supplies fees may be required. **Offered at Dale Jackson Career Center**

89816643 Audio and Video Production - TV Broadcasting (CCE), 2 credits

Grade: 10-12

Recommendation: Principles of Arts, A/V Tech and Comm, Journalism, Theater, Photography, Writing, Art, Graphics or Animation Class

This course will explore the Audio and Video production industry and its post-secondary educational and career opportunities. Students will gain job-specific training for entry level employment in audio, video, television, and motion picture careers. Professional grade equipment and software will be used in the creation of student lead productions. Students will be involved in every aspect of several class and small group audio, video, and film style production projects with emphasis on TV studio broadcasting and news production projects. CCE AV students will also be encouraged to participate as studio crew for district productions outside of school hours. Materials and supplies fees may be required. Student must choose either A/V Pro – Film and Video or A/V Pro – TV Broadcasting. **Offered at CCE**

89817100 ADVANCED AUDIO VIDEO PRODUCTION - Film & Video (DJCC), 2 credits, **OR 89817143** ADVANCED AUDIO VIDEO PRODUCTION - TV Broadcasting (CCE), 2 credits

Grade: 10-12 or age 16+

Prerequisite: Audio and Video Production

This course is the second term of a three-term program. Students will work on several audio and/or video productions created for television, cable television, education, radio, entertainment, business and/or industry. Students may concentrate on specific areas of interest such as videography, video editing, film editing, audio recording, audio mixing, sound reinforcement, sound design, dialog editing, lighting, directing, producing, still or animated computer graphics, special effects, voice talent, on-camera talent, production management and camera operation. Students will create a portfolio of work. Additional time beyond regular school hours is required for productions. Materials and supplies fees may be required. Student must choose either A/V Pro – Film and Video or A/V Pro – TV Broadcasting. Students will not be able to receive credit for both classes. **Offered at both Career Centers**

89803400 PRACTICUM IN AUDIO VIDEO PRODUCTION, Film & Video, 2 credits, OR 89803443 PRACTICUM IN AUDIO VIDEO PRODUCTION, TV Broadcasting, 2 credits

Grade: 11-12

Prerequisite: Advanced Audio Video Production

Students in this class will develop advanced knowledge and skills in their chosen field of study related to audio and video production. Students will develop their portfolio of work that will assist them in gaining entry level employment, earning admittance into college film/video, television/radio broadcasting, and audio production programs, as well as securing post-secondary scholarships. Additional time beyond regular school hours is required for productions. Material and supply fees may be required. **Offered at Dale Jackson Career Center**

89818900 Animation, 2 credits

Grade: 10-12

Recommendation: None

Animation is an introduction to traditional animation. Skills learned in Animation will prepare students for a possible future in the television/movie industry in the areas of animation, character and story development, special effects, and motion graphics. In addition, this course is designed for students that want to pursue careers in video gaming (character and level design), print advertising, scientific visualization, medical animation, interactive applications, and architectural rendering. Students will digitally create both 2D animations and 3D computer-generated animations. The basic principles of design and animation will be covered that have been used by professionals from the days of Bugs Bunny and Mickey Mouse up to the modern age of Pixar and DreamWorks. All students will have drawing assignments to help them in character design, layout, and story development. With the approval of the instructor, students may have the choice to complete major projects in either 2D (digitally hand drawn) or 3D (polygon models). It is helpful to have skills in drawing and geometry prior to taking this course. Material and supply fees may be required. *Adobe Certification Exams Available*. Offered at Career Center East only

89818800 ADVANCED ANIMATION, 2 credits

Grade: 11-12

Prerequisite: Animation

Advanced Animation allows students to apply their knowledge of animation to complete fully developed projects that may be used in their portfolio (reel). With the approval of the instructor, students may have a chance to complete major projects in 2D or 3D. All students will have the opportunity to further their progression by learning acting techniques, lip sync, advanced walk/run/jump cycles, rigging 2D and 3D characters using bones, forward kinematics, inverse kinematics, soft-body dynamics, cloth and clothing, and special effects (smoke, fire, fog). Students may also have an opportunity to explore other related areas including motion graphics, visualizations, interactive applications, and game simulations. In addition to at least one major individual project, students will combine their talents in a group project. Students are expected to create animated shorts that can be used by the community and entered into animation/film festivals. Material and supply fees may be required. *Adobe Certification Exams Available*. Offered at Career Center East only

89819300 Practicum in Animation, 2 credits

Grade: 11-12

Prerequisite: Advanced Animation

Practicum in Animation is a high level study of the art and technique of animation as applied to the film, broadcast, web, and gaming industries. Students will have a chance to focus their study in a particular area including 3D character animation, 2D character animation, modeling, character design, texturing, dynamics and particle effects, 3D scientific visualizations, medical animation, video game art, level design, game modules, and motion capture. This course is designed specifically for students that are preparing to major in this discipline in college. Students will complete both individual and group projects that may be used for entrance in post-secondary institutions, earn scholarships, or acquire internships or employment. Students are expected to create an extensive print and video portfolio from animated shorts that can be used by the community and entered into animation/film festivals. Note: This course is a special section of the Practicum in Audio Video Production course. Material and supply fees may be required. **Offered at Career Center East Only**

89814900 CAREER PREPARATION I, 2 credits

Grade: 11-12

Prerequisite: Practicum Level Course

Career Preparation I provides an opportunity for students to participate in a learning experience that combines classroom instruction with paid business and industry employment experiences and supports strong partnerships among school, business, and community stakeholders. The goal is to prepare students with a variety of skills for a fast-changing workplace. This instructional arrangement should be an advanced component of a student's individual program of study. Students are taught employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success. Offered at both Career Centers

89825200 CAREER PREPARATION II, 2 credits

Grade: 12

Prerequisite: Career Preparation I

Career Preparation II develops essential knowledge and skills through classroom technical instruction and on-the-job training in an approved business and industry training area. Students will develop skills for lifelong learning, employability, leadership, management, work ethics, safety, and communication as a group; however, each student will have an individual training plan that will address job-specific knowledge and skills. Approved training sponsors will provide paid occupational training for a student. The training sponsor will assist the teacher in providing the necessary knowledge and skills for the student's specific career preparation.

Offered at both Career Centers

BUSINESS MANAGEMENT AND ADMINISTRATION

(Course available on campus.)

Courses in this cluster may satisfy the BUSINESS & INDUSTRY ENDORSEMENT for the Foundation High School Program. See the FHSP Parent/Student Guide for more information.

79170000 Principles of Business, Marketing, and Finance, 1 credit

Grade: 9-12

Recommendation: None

This course is designed for students who may be interested in a career in business, or want to have a better understanding of the business world, and its purpose in society. Students will gain a basic understanding of business, marketing, and finance and how their functions affect the local and global communities, through hands-on projects, and research methods, utilizing technology, in, and outside of class. Students will also be guided through career exploration using Career Cruising and other sources. In addition, students will gain knowledge on the steps involved in getting and maintaining a job.

79165100 Touch Systems Data Entry (Keyboarding), .5 credit

Grade: 9-12

Recommendation: None

Keyboarding prepares students to operate the keyboard by touch and begin development of acceptable speed and accuracy levels. Formatting of basic documents is also included. The purpose of the keyboarding class is to teach the "touch" keyboarding skill, teach proper formatting of documents for personal and business use, give opportunities for students to apply their keyboarding skills in "real life" situations, and help students achieve their potential in keyboarding speed and accuracy.

79165600 Business Information Management I, 1 credit

Grade: 9-12

Recommendation: Touch Systems Data Entry (Keyboarding)

BIM offers students a chance to gain vital computer application skills that will allow them to keep pace in our ever evolving world of technology. The focus of this course is on the ethical business application of software including, word processing, spreadsheet, database, presentation software, and desktop publishing. Students will also be guided in responsible internet use, develop awareness for computer operations, and offers insight into new trends and advances in the world of technology. This course offers students an opportunity to develop marketable skills that will allow them to improve the quality of their school work and compete in a competitive job market. **Students will have the opportunity to earn Microsoft Office Specialist (MOS) Certification.**

79166600 Business Information Management II, (Lab), 1 credit

Grade: 10-12

Recommendation: Touch Systems Data Entry (Keyboarding)

Business Information Management I (BIM I)

BIM II is designed for the advanced learner in business computer applications to challenge and sharpen the learner's computer skills. Students will apply technical skills addressing business applications of emerging technologies through using MS Office software. Instruction will include many advanced problem-solving skills such as merging word documents, creating word forms, creating Excel pivot tables and Access macros, exporting & importing data into Excel and Access, and customizing presentation options. Students will have the opportunity to earn Microsoft Office Specialist (MOS) Certification.

79162600 Business Law, .5 credit

Grade: 9-12

Recommendation: None

Business Law provides an insight into the evolution and development of laws that govern business in our society. Students will develop a clear understanding of their rights and duties within the business environment.

79163000 Business Management, 1 credit

Grades: 9-12.

Recommendation: None

Students will prepare for a rapidly evolving global business environment that requires flexibility and adaptability. The primary functions of management and leadership will be analyzed. Topics will incorporate social responsibility of business and industry. Students will develop a foundation in the economical, financial, technological, international, social, and ethical aspects of business to become competent managers, employees, and entrepreneurs.

79163100 VIRTUAL BUSINESS, .5 credit

Grade: 9-12.

Recommendation: Touch System Data Entry.

Students study and explore the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions. The steps needed to locate customers, set fees, and develop client contracts will be identified. Students will be able to provide administrative, creative, and technical services using advanced technological modes of communication and data delivery. The student builds a functional website that incorporates the essentials of a virtual business.

79164600 GLOBAL BUSINESS, .5 credit

Grade: 9-12

Recommendation: None

International Business is a course that allows students to understand international business operations and determine what is needed to be a successful employee in the international marketplace. The course examines business operations in the global market, how cultural differences affect social and managerial practices, how to generate domestic and international travel plans, employee rights and laws, business opportunities for working abroad, employability skills needed to be a successful employee in the international environment, how to exchange information electronically, how to market a business internationally, and how international business affects the domestic economy as well as the global economy.

79168200 Practicum in Business Management I, 3 State Credits + 1 Local Credit

Grade: 9-12

Recommendation: Age 16+

Touch Systems Data Entry (Keyboarding)
Business Information Management 1 (BCIS I)

This practicum is designed to give students supervised practical application of previously studied knowledge and skills in a paid or unpaid position in local businesses or organizations. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. In the classroom and at work, students apply technical skills to address business applications of emerging technologies. Students incorporate a broad base of knowledge that includes the legal, managerial, financial, and ethical dimensions of business to make appropriate business decision. Students will be gainfully employed for the entire school year. Applications and agreement must be completed and returned to the appropriate Practicum coordinator.

79169300 Practicum in Business Management II, 3 State Credits + 1 Local Credit

Grade: 9-12

Recommendation: Age 16+

Practicum in Business Management I

Business Information Management 1 (BCIS I)

This second-year Practicum is designed to give students continued supervised practical application of previously studied knowledge and skills in a paid or unpaid position in local businesses or organizations. This course included advanced concepts and skills for business occupations. Special projects that implement the advanced features of various software packages are used to emphasize the business procedures utilized in various companies. Students will be gainfully employed for the entire school year. Application and agreement must be completed and returned to the appropriate Practicum coordinator.

EDUCATION AND TRAINING

Courses in this cluster may satisfy the PUBLIC SERVICES ENDORSEMENT for the Foundation High School Program. See the FHSP Parent/Student Guide for more information.

79751100 (HS Campus) Principles of Education and Training, .5 credit **89751100 (DJCC)**

Grade: 9-12

Recommendation: None

This course is designed to introduce learners to the various careers available within the Education and Training career clusters. Students use self-knowledge, educational, and career information to analyze various careers within the education field. This course is also offered at Dale Jackson Career Center for 1.0 (one) credit and must be paired with Human Growth and Development if taken at DJCC.

79751700 (HS Campus) Human Growth and Development, 1 credit 89751700 (DJCC)

Grade: 9-12

Recommendation: Principles of Education and Training

This course is an examination of human development across the lifespan with emphasis upon research, theoretical perspectives, and common physical, cognitive, emotional, and social development milestones. This course must be paired with Principles of Education and Training if taken at Dale Jackson Career Center.

79751400 (HS Campus) Instructional Practice in Education and Training, (Ready, Set, Teach I) 1 credit 89751400 (DJCC)

Grade: 10-12

Recommendation: Principles of Education and Training Prerequisite: Human Growth and Development

This course is a field-based internship which provides students background knowledge of effective teaching practices. Students participate in activities at both their home campus and field site elementary school, or middle school. Students are involved in direct instruction as well as observations. Students must provide their own transportation to the field-site location. It is strongly recommended that students also register for Problems & Solutions Instructional Practice in Education and Training (IPET) listed below. This course is offered at Dale Jackson Career Center as a double-blocked 2.0 credit course.

79761200 PROBLEMS & SOLUTIONS: INSTRUCTIONAL PRAC IN EDUC & TRNG (READY, SET, TEACH II), 1 credit Grade: 11-12

Required Prerequisite: Instructional Practice in Education and Training

This course provides students advance training in effective teaching practices. Students participate in activities at both their home campus and field site elementary or middle schools. Students are involved in direct instruction as well as observations. Students must provide their own transportation to the field-site location. It is strongly recommended that students register this course if they are registering for Instructional Practice in Education and Training.

FINANCE

Courses in this cluster may satisfy the BUSINESS & INDUSTRY ENDORSEMENT for the Foundation High School Program. See the FHSP Parent/Student Guide for more information.

79161100 Money Matters, 1 credit

Grade: 9-12

Recommendation: None

This class will help empower students to make sound financial decisions for life. This course will teach you the following: save money and build wealth, negotiate great deals, establish a budget that works, identify and understand different types of investments, set and achieve financial and career goals, describe the many dangers of debt, recognize the advantages of renting and owning a home, become an aware consumer, and understand different types of insurance and what's best for you.

79160600 Banking and Financial Services, .5 credit

Grade: 9-12

Recommendation: None

This course is designed to teach students the financial, economic, and social aspects of the business world. The students incorporate a broad base of subjects including insurance, investing, business ownership and financing, credit, apartments, mortgages, banking, currency, and operations of the Federal Reserve.

79161600 Accounting I. 1 credit

Grade: 9-12

Recommendation: None

This course is a comprehensive study of the accounting cycle and its relationship to our business and personal lives. Accounting cycles and methods for both Sole Proprietorship and Merchandising Businesses will be covered. Spreadsheet software will be used for accounting applications along with worksheets provided with the textbook. There may be a workbook fee associated with this course.

79161690(A)/79161790(B) Accounting I - Online, 1 credit

Grade: 9-12

Recommendation: None

This course is a comprehensive study of the accounting cycle and its relationship to our business and personal lives. Accounting cycles and methods for both Sole Proprietorship and Merchandising Businesses will be covered. Spreadsheet software will be used for accounting applications along with worksheets provided with the textbook. There may be a workbook fee associated with this course. Instruction and content are delivered primarily over the Internet, and students may have opportunities to meet face-to-face for collaboration, group work and personalized instruction.

79162100 Accounting II, 1 credit

Grade: 10-12

Recommendation: Accounting I

This course provides the student an opportunity to review and further develop the fundamental accounting principles using technology. The course helps students develop additional skills in applying principles used in accounting systems and methods commonly found in business. Not for profit manufacturing and managerial accounting principles are taught in this class along with reviewing and further developing skills in financial accounting. There may be a workbook fee associated with this course.

HEALTH SCIENCE

(Bus transportation provided to Career Centers) ALL courses at the Career Centers are DOUBLE BLOCKED 3 hour classes

Courses in this cluster may satisfy the PUBLIC SERVICES ENDORSEMENT for the Foundation High School Program. See the FHSP Parent/Student Guide for more information.

PRINCIPLES OF HEALTH SCIENCE, 2 credits

Grade: 10-12

Recommendation: None

(NOTE: ALL 3 COURSES MUST BE TAKEN FOR CREDIT)

89812700 Principles of Health Science, .5 credit

This course provides an overview of career exploration through systems of the healthcare industry. The course focuses on ethics, leadership, cultural diversity, communication skills and an introduction to medical math and research, with a emphasis on past and current healthcare trends. Small group with cooperative peer interactions and presentation skills are necessary to be successful. Offered at both Career Centers

89812800 MEDICAL TERMINOLOGY, .5 credit

This course is a Latin and Greek language-based class that studies the structure of medical terminology. Emphasis is placed on root words, prefixes, suffixes, and combining forms as they apply to anatomy and physiology. This is a fast-paced class that encourages collaborative, as well as independent learning. Requires good attendance and a motivated learner. Offered at both **Career Centers**

89812400 HEALTH SCIENCE, 1 credit

The course applies the knowledge and skills learned in Principles of Health Science and Medical Terminology as well as introduces new topics specific to the healthcare industry to expand upon previous knowledge. Key topics include: public health, community education, nutrition, health and wellness across life stages and infection control. Students must demonstrate competency in medical skills as well as master medical terminology. This course will help prepare students for the transition into clinical or work-based experiences. Offered at both Career Centers

89812600 Practicum in Health Science (Clinical Rotation), 2 credits

Grade: 11-12, Minimum age is 17 Prerequisite: Health Science I, Biology Requirements: Social Security Number

Materials:

Driver license

No felony convictions

Transportation to and from rotation sites (no buses provided)

Full and current immunizations including: Influenza and Tuberculosis (yearly), Varicella (2 dose or titer with history of disease)

Childhood Immunizations including: MMR(2), Hepatitis B series, TDaP must be within 10 years or a booster is required with written proof from physician or county health office (due first day of class)

Ability to work in an environment with blood, bodily fluids, possible nudity, and disease

Must pass background check Must pass drug screening \$150.00 for class supplies

Purchase of Scrubs, appropriate shoes, name tag, immunizations, and transportation

are the student's responsibility.

This class is for students who are interested in the field of health care and are interested in pursuing employment the health care industry. This course offers the opportunity to integrate, apply, and

be exposed to professions in the health care industry. Students will gain practical applications of previously studied knowledge and skills. The rotation portion of class is primarily observation with some hands on experience. Student experiences may occur in a variety of locations appropriate to the nature and level of student experience (hospitals, outpatient centers, dental centers, veterinary clinics, therapy centers, EMT services, and others). Rotation site may change at any time. Placement in a specific area is not guaranteed. Excellent attendance, grades, and professionalism are mandatory. **Offered at Dale Jackson Career Center Only**

89812200 Practicum in Health Science II (Pharmacy Technician), 2 credits

Grade: 12

Prerequisite: Health Science I

Materials Required: Scrubs and Lab Coat \$250 Materials Fee

Additional Fees for certification may be required

Recommendation: Chemistry and Algebra 1

The Kaduceus Pharmacy Technician Programs objective is to equip students with knowledge, technical skills, and work habits required for an entry-level position in the pharmacy field or related area. Our teaching techniques encourage active student participation and may include group discussions and projects, laboratory work, simulations, demonstrations, field trips, guest speakers, and lectures. Students in this course are given the opportunity to participate in an unpaid externship program with local retail pharmacies in which they will work under the guidance of a Pharmacist. A strong emphasis is placed on ethics, accountability, professionalism, and the individual's commitment to pursue lifelong personal and professional development. In addition, students who successfully complete the course and graduate will have the opportunity to sit for the (PTCE) Pharmacy Technician Certification Exam following graduation. Student must register for and be licensed Pharmacy Technician Trainees with the State of Texas and provide proof of this registration the first day of class. Offered at Career Center East Only

89813100 PRACTICUM IN HEALTH SCIENCE (Medical Assistant), 2 credits

Grade: 12

Prerequisite: Health Science I

Course Requirements: Students need to purchase scrubs and a stethoscope

\$30 Materials Fee and CPR Certification \$56 Online Study Guide and Practice Test

\$149 Certification Exam

The course content includes how to assist physicians with exams, take vital signs, practice aseptic technique, interview patients for medical history, provide documentation, perform clinical procedures, use laboratory techniques, understand medical terminology and understand office procedures. Students will gain valuable knowledge to prepare them to handle both the clinical duties and administrative responsibilities in a variety of healthcare settings. All students will become certified in American Heart Association Healthcare Provider CPR. Students who successfully complete the course and graduate will have the opportunity to sit for the Medical Assistant Certification Exam following graduation. **Offered at Dale Jackson Career Center Only.**

HOSPITALITY AND TOURISM

(Bus transportation provided to Career Centers)
ALL courses at the Career Centers are DOUBLE-BLOCKED 3 hour classes

Courses in this cluster may satisfy the BUSINESS & INDUSTRY ENDORSEMENT for the Foundation High School Program. See the FHSP Parent/Student Guide for more information.

79752700 PROBLEMS AND SOLUTIONS IN FOOD SCIENCE, 1 credit

Grade: 10-12

Recommendation: None

Students will investigate how food science is an integral part of our daily lives. Students will study how to convert raw agriculture or farm products to products found in supermarkets. Investigations are used to learn the components of raw product handling, analytical methods, food microbiology, food chemistry and food processing. Supply and material fees may be required.

79757700 Culinary Arts, 2 credits

Grade 10-12

Recommendation: Lifetime Nutrition and Wellness OR Principles of Human Services

This laboratory course provides specific foodservice training including culinary arts, communications, employability and career development, personal life skills, food service history, commercial kitchen safety and sanitation. Material and supply fees may be required. **Course is only offered at The Colony High School.**

79758200 PRACTICUM IN CULINARY ARTS, 2 credits

Grade: 11-12

Recommendation: Culinary Arts

This laboratory course provides in-depth occupational training relating to career opportunities in the food service industry. Instruction in management functions, employment requirements, food production practices and procedures will be included in the course. National Sanitation Certification is offered. Material and supply fees may be required. **Course is only offered at The Colony High School.**

89759600 Hospitality Services, 2 credits

Grade: 10-12

Prerequisite: Must be 16 years of age

Materials: \$30 Tourism Ambassador Certification Exam

\$20 Uniform (shirt)

Black pants, black slip resistant shoes, black dress socks, black belt

Recommendation: One course in either Marketing or Business Management and Administration

Hospitality Services allows students to explore one of the most explosive and dynamic career paths available today and will open the door for college or entry-level industry positions. Careers in the hospitality industry include lodging, food and beverage, recreation, and travel and tourism. The curriculum provides an overview of the industry, customer relations, trends, employability skills, interpersonal skills, hotel and restaurant operations, and career opportunities. Trade schools, colleges and universities offering hospitality and culinary programs will be introduced. Course content will be delivered through class discussion, role plays, lecture presentations, internet research, guest speakers, and field trips. Professionalism, maturity, employability skills (i.e. positive attitude, appearance, grooming, work ethic, no behavior or discipline issues, regular attendance) and interpersonal skills (i.e. pleasant facial expressions, eye contact, friendliness) will be assessed in this course and will be expected or the student may be dismissed from the program. Students will have the opportunity to become a certified Tourism Ambassador. Material and supply fees may be required. **Offered at Dale Jackson Career Center Only.**

89760100 Practicum in Hospitality and Tourism, 2 credits

Grade: 11-12

Prerequisite: Hospitality Services Materials: \$20 Uniform (shirt)

Black pants, black slip resistant shoes, black dress socks, black belt

Students in this class will develop advanced knowledge and skills in their chosen field of study related to hospitality and tourism. Practicum in Hospitality and Tourism will teach techniques, concepts, and various management skills. Students will implement knowledge and skills such as business ethics, property management, and marketing practices as related to the hospitality industry. Teaching techniques will include class discussion, lecture presentations, internet research, industry projects, guest speakers, and field trips. Representatives from universities, colleges and trade schools will make presentations about programs they offer in the areas of hospitality, tourism and culinary arts. Professionalism, maturity, employability skills, regular attendance, and interpersonal skills will be assessed in this course and will be expected or the student may be dismissed from the program. Material and supply fees may be required.

Offered at Dale Jackson Career Center Only

HUMAN SERVICES

(Bus transportation provided to Career Centers)
ALL courses at the Career Centers are DOUBLE-BLOCKED 3 hour classes

Courses in this cluster may satisfy the PUBLIC SERVICES ENDORSEMENT for the Foundation High School Program. See the FHSP Parent/Student Guide for more information.

79750100 PRINCIPLES OF HUMAN SERVICES, .5 credit

Grade: 9-12

Students will participate collaboratively in learning activities to acquire knowledge and skills in effective communication, goal setting, healthy living, child development, family, community, and personal care services. Students will use various forms of technology to produce individual and group projects and presentations.

79754100 Interpersonal Studies, .5 credit (Ind. & Family Life)

Grade: 9-12

Recommendation: None

This course provides opportunities for self-analysis and personal growth. The course addresses the responsibilities of living as an independent adult and gives assistance in planning for relationships and marriage.

89803600 Cosmetology I, 3 credits + 1 Local, (DJCC) **89803643 Cosmetology I**, 3 credits + 1 Local, (CCE)

Grade: 11

Required: State ID Required

Kit \$500 - \$250 due day of orientation

\$250 due first day of next school year

Uniform

Materials fee will be assessed

Cosmetology is a program geared towards students who are interested in obtaining a state license to practice as a cosmetologist in the state of Texas. The curriculum is focused on the study of anatomy, electricity and chemistry, safety and infection control in relation to hair, nails, and skin and salon duties. This course is the first year of a two-year program that provides students with the skills and knowledge to pass the Texas Department Licensing and Regulations state board exam. Through sequential learning steps, the course provides specific tasks necessary for state board preparation and entry-level job skills. Students must be able to work independently and cooperatively in a clinical lab setting with an emphasis on personal safety, professionalism and proper sanitation procedures. All students must clock 132 hours each quarter. **Offered at both Career Centers.**

89803300 Cosmetology II, 3 credits + 1 Local, (DJCC) **89803343** Cosmetology II, 3 credits + 1 Local, (CCE)

Grade: 12

Prerequisite: State ID Required

Cosmetology I (525 hours completed)

License and Material fees of \$250 due by 1st day of school

Uniform

Lab fees will be assessed

This course is the second year of a two-year program that encompasses theories and principles of cosmetology with a general understanding of how salon services are performed. Students will perform advanced haircutting, styling, chemical textures, hair coloring, skin and nail services. Students will gain an understanding of owning and operating a salon, professional ethics with an emphasis on proper attitude for salon employment, and establishing good public relations with patrons, co-workers,

employers, and society. Upon completion students will have learned the skills and knowledge to pass the required Texas Department of Licensing and Regulations state board exam. All students must clock 132 hours each quarter. **Offered at both Career Centers.**

79722700 LIFETIME NUTRITION AND WELLNESS, .5 credit

Grade: 9-12

Recommendation: None

This laboratory course addresses nutrition, food choices, and food management. Instruction includes food habits and wellness, menu planning, food costs and budgeting, consumer buying strategies, food safety and sanitation, and careers relating to the food industry. Some supply fees may be required.

79755100 CHILD DEVELOPMENT, 1 credit

Grade: 10-12

Recommendation: Principles of Human Services

Explore the physical, emotional, social, and intellectual development of the child from pregnancy to childhood. Discuss and promote the well-being of children through learning ways to guide behavior, provide nutrition, select child care, and teach children with special needs. Supply fees may be required.

79755600 PARENTING EDUCATION FOR SCHOOL AGE PARENTS I, .5 - 1 credit

Grade: 9-12

Recommendation: LISD parenting students

Intake application

This course is designed for male and female students who are expectant or current parents. Special emphasis is placed on prenatal care and development, postnatal care, infant care, child development, and parenting skills. **Students will be dual enrolled when taking this a.m. accelerated elective at the Lewisville Learning Center.** Bus service is provided from all high school campuses. For additional information contact Mireya Mejia, School Age Parent Program Coordinator at 469-948-7515.

79756100 PARENTING EDUCATION FOR SCHOOL AGE PARENTS II, .5 - 1 credit

Grade: 9-12

Recommendation: LISD parenting students

Parenting Education for School Age Parents I

This course expands and reinforces skills taught in PESAP I with additional focus on child guidance, conflict resolution, healthy relationships, money management, employability skills, and responsible parenthood. **Students will be dual enrolled when taking this a.m. accelerated elective at the Lewisville Learning Center.** Bus service is provided from all high school campuses. For additional information contact Mireya Mejia, School Age Parent Program Coordinator at 469-948-7515.

INFORMATION TECHNOLOGY

(Bus transportation provided to Career Centers)
ALL courses at the Career Centers are DOUBLE-BLOCKED 3 hour classes

Courses in this cluster may satisfy the BUSINESS & INDUSTRY ENDORSEMENT for the Foundation High School Program. See the FHSP Parent/Student Guide for more information.

79811900 PRINCIPLES OF INFORMATION TECHNOLOGY, 0.5 credits

Grade: 9-12

Recommendation: None

This course emphasizes the knowledge and skills associated with the basics of computer education and mobile devices. Students will use technology and software for word processing, spreadsheets, desktop publishing, and presentations. **Offered at FMHS and HHS only**

89808100 COMPUTER MAINTENANCE, 2 credits

Grade: 9-12

Recommendation: None

Students acquire principles of computer maintenance, including electrical and electronic theory, computer hardware principles, and broad level components related to the installation, diagnosis, service, and repair of computer systems. To prepare for success, students must have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. At the end of this course students will be able to take the CompTIA A+ Certification. CompTIA A+ certification validates foundation-level knowledge and skills necessary for a career in IT support. It is the starting point for a career. The international, vendor-neutral certification proves competence in areas such as installation, preventative maintenance, networking, security and troubleshooting. Material and supply fees may be required. **Offered at DJCC Only**

79167600 COMPUTER PROGRAMMING, 1 credit

Grade: 10-12

Recommendation: Algebra I

Touch Systems Data Entry (Keyboarding)

Computer Programming provides an introduction to analytical problem solving activities. It utilizes the basic concepts and skills related to structured programming and Object Oriented Programming. It also covers programming concepts that are useful in developing animation and interaction on the World Wide Web.

79167621 ADVANCED COMPUTER PROGRAMMING PRE-AP, 1 credit

Grade: 10-12

Recommendation: Algebra II or Geometry

Advanced Computer Programming Pre-Advanced Placement focuses on analytical problem solving skills and structured programming. This course is designed for students who are interested in majoring in Engineering, Mathematics, Science, or Computer Science. Students also study advanced programming, with emphasis on programming methodologies, algorithms, and data structures. JAVA is the language used for completing the programming assignments. A strong math background is necessary. *This is a Technology Applications course.*

79168602 COMPUTER SCIENCE | ADVANCED PLACEMENT, 1 credit

Grade: 11-12

Recommendation: Advanced Computer Programming

Computer Science I AP continues the study begun in Advanced Computer Programming and will prepare students for the Advanced Placement Examination in Computer Science. The course is designed for students who are interested in majoring in Engineering, Mathematics, Science, or Computer Science. Topics include advanced data structures, sorting, and searching algorithms, dynamic memory allocation, algorithmic analysis and Object Oriented Programming. JAVA is the language used for completing the program assignments. May count as 4th Math on RHSP and DAP if taken AFTER Algebra 2. *This is a Technology Applications course.*

79169600 DIGITAL AND INTERACTIVE MEDIA (MULTIMEDIA), 1 credit

Grade: 9-12

Recommendation: Touch Systems Data Entry (Keyboarding)

Multimedia is a creative, business oriented approach to graphics arts, computer animation, video techniques, and web design. Students will learn to use advanced multimedia techniques to create, organize, manage, and present digital information in a variety of Medias. Upon successfully completion of this course, students will be proficient in using industry standard software and hardware, efficiently managing and presenting information, comfortably presenting projects to small groups as well as planning, designing and creating multimedia projects successfully in both team and individual environments. *This is a Technology Applications course.*

79830600 WEB TECHNOLOGIES, 1 credit

Grade: 9-12

Recommendation: Touch Systems Data Entry (Keyboarding)

This course provides opportunity to learn about the hardware, software, and connectivity of networks associated with the World Wide Web. Students will create web pages using HTML and graphics software. Students will use digital cameras and scanners to create web page graphics. Students will use the Internet as a research tool.

89811100 Internetworking Technologies I (CompTIA Network +), 2 credit

Grade: 10-12

Recommendation: Computer Maintenance

This course is designed to prepare the student for successful completion of CompTIA Network+ curriculum, and to take the Network+ certification exam which shows industry that you have basic competency in the physical support of networking systems and knowledge of the conceptual aspects of networking. Network+ Certification is an industry-wide, vendor-neutral certification program developed and supported by the Computer Technology Industry Association (CompTIA). Material and supply fees may be required. **Offered at DJCC Only**

GPA Level: 3

LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY

(Bus transportation provided to Career Centers)
ALL courses at the Career Centers are DOUBLE BLOCKED 3 hour classes

Courses in this cluster may satisfy the PUBLIC SERVICES ENDORSEMENT for the Foundation High School Program. See the FHSP Parent/Student Guide for more information.

PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS / SECURITY & LAW ENFORCEMENT I, 2 credits

Grade: 9-12

Recommendation: None

(NOTE: BOTH COURSES MUST BE TAKEN FOR CREDIT)

89805800 PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY, 1 credit Principles of Law, Public Safety, Corrections, and Security is a 9 week course that introduces students to professions in law enforcement, security, corrections, and fire and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. Guest speakers from all agencies will share their experiences and provide insight into careers in law enforcement and emergency management services. Offered at Career Center East Only

89805600 Law Enforcement I, 1 credit

Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. This basic course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime. Topics in this course include a brief overview of criminal law, legal systems, arrest procedures, conflict resolution, interview/interrogation and substance abuse. Students will be required to debate, work in groups, make numerous presentations and participate in role playing. Offered at Career Center East Only

89815000 Law Enforcement II, 2 credits

Grade: 10-12

Prerequisite: Law Enforcement I

Uniform

Law Enforcement II is an advanced course in the Law, Public Safety, Corrections and Security Cluster. This course provides the knowledge and skills necessary to prepare for a career in law enforcement. Students will learn the ethical and legal responsibilities involved in a career in law enforcement. Students will practice search and seizure techniques, vehicle searches, arrest procedures, fingerprinting and a brief defensive tactics overview. Students will learn and practice undercover policies, use of deadly force policy, and interview techniques. The students will use the mock court room and practice testimony and courtroom procedures. Students will make numerous presentations, work in small groups and participate in role playing activities. Material and supply fees may be required. Students will be required to purchase a uniform for this class. **Offered at the Career Center East Only**

COURT SYSTEMS AND FORENSICS SCIENCES

(NOTE: BOTH COURSES MUST BE TAKEN FOR CREDIT)

Grade: 11-12

89806100 Courts Systems and Practices. 1 credit

Prerequisite: Principles of Law, Public Safety, Corrections & Security I

Court Systems and Practices is an overview of the federal and state court systems. This advanced course identifies the roles of judicial officers and the trial processes from pretrial to sentencing and examines the types and rules of evidence. Emphasis is placed on constitutional laws for criminal procedures such as search and seizure, stop and frisk, and interrogation. Students will practice testimony through extensive mock trials, role playing and numerous group presentations and debates. Students may also be assessed a fee for field trips. **Offered at the Dale Jackson Career Center Only**

89805100 Forensic Science, 1 credit

Prerequisite: \$35 Materials Fee

Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene investigation, questioning, criminal behavior characteristics, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, trace evidence collection, ballistics, body fluid collection, and blood spatter analysis. Students will learn the history, legal aspects, and career options available in forensic science. A \$35.00 material and supply fees is required. Students may also be assessed a fee for field trips. **Offered at the DJCC Only**

89805700 CORRECTIONAL SERVICES, 2 credits

Grade: 12

Prerequisite: Law Enforcement I & II

\$75 Materials Fee

In Correctional Services, students prepare for the certification required for employment as a correctional officer. The students will learn the role and responsibilities of a correctional officer; discuss relevant rules, regulations, and laws; and will analyze rehabilitation and alternatives to institutionalization. Students will discuss and employ defensive tactics techniques, restraint techniques and first aid procedures as used in the correctional setting. Upon completion of this course, students will be eligible to take the TEEX Municipal Jailer Certification Exam and receive 40 Texas Commission on Law Enforcement (TCOLE) educational credits. Students will be required to pass a sports physical before entering the program. Students may also be assessed a small fee for field trip participation. **Offered at Dale Jackson Career Center only.**

89805200 PRACTICUM IN LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY, 2 credits

Grade: 12

Prerequisite: Law Enforcement II & Court Systems & Forensic Science

Students will be required to have reliable transportation to and from rotation sites. Students will also have to pass a sport physical prior to the class. A fee of approximately \$20.00 for a mandatory drug screening will be assessed and testing will be completed on site. Parent/Guardian meeting will be required in advance of student participation. This course will allow advanced students in the Pre-Law cluster to intern within the Law Enforcement, Crime/Death Investigation, Court or Legal service providers in Denton, Tarrant, and Dallas County. Community placement will vary and rotation may be required to allow a well-rounded experience. Students must meet strict guidelines that govern community placement and placement is not a guarantee. All placements will be based upon DJCC Law Enforcement instructors' recommendations or approval and the student having their own reliable transportation. Activities may require additional time outside of the school day. **Offered at the Dale Jackson Career Center Only**

GPA Level: 1

MANUFACTURING

(Bus transportation provided to Career Centers)
ALL courses at the Career Centers are DOUBLE BLOCKED 3 hour classes

Courses in this cluster may satisfy the BUSINESS & INDUSTRY ENDORSEMENT for the Foundation High School Program. See the FHSP Parent/Student Guide for more information.

89821900 WELDING, 2 credits

Grade: 11-12

Recommendation: Principles of Manufacturing

This pre-employment laboratory course is designed to introduce basic skills in structural welding. Introduction to the basic processes (Stick, Mig, and Tig) welding as well as cutting with Oxy/Acetylene and Plasma rigs will be presented in the class (theory) and the shop (practical). Safety, work ethic and career opportunities will be covered. A welding hood, safety glasses, cutting glasses and gloves will need to be purchased. Material and supply fees may be required. The emphasis for this class is working in the shop. **Offered at Dale Jackson Career Center Only**

89820100 ADVANCED WELDING, 2 credits

Grade: 11-12

Recommendation: Welding

This advanced course in structural welding stresses both individual projects and group work. Instruction includes welding theory, metallurgy, and blueprint reading. A welding hood, safety glasses, cutting glasses and gloves will need to be purchased. Articulation credit is available to several colleges and trade schools local, state and national as well as the International Association of Bridge, Structural, Ornamental and Reinforcing Iron Workers (Local #263). The emphasis for this class is working in the shop. Students will complete and be issued a 10 hour OSHA safety certification issued by U.S. Dept. of Labor. Material and supply fees may be required. **Offered at Dale Jackson Career Center Only**

PRACTICUM IN MANUFACTURING

89811200 Practicum in Manufacturing I, 2 credits

Grade: 11-12

Recommendation: Completion of at least three courses in the career coherent sequence.

This project-based learning experience is developed by a student or group of students and an interdisciplinary mentor team. This project provides opportunities for an in-depth study of at least one aspect of an industry in the trade and industrial program area. The student or group demonstrates the ability to utilize a variety of resources, advanced technology, and communication skills in the development and presentation of a project. Material and supply fees may be required. **Offered at Dale Jackson Career Center Only**

89811300 Practicum in Manufacturing II, 2 credits

Grade: 11-12

Recommendation: Completion of at least three courses in the career coherent sequence.

This project-based learning experience is developed by a student or group of students and an interdisciplinary mentor team. This project provides opportunities for an in-depth study of at least one aspect of an industry in the trade and industrial program area. The student or group demonstrates the ability to utilize a variety of resources, advanced technology, and communication skills in the development and presentation of a project. Material and supply fees may be required. **Offered at Dale Jackson Career Center Only**

MARKETING

(Courses available on campus)

Courses in this cluster may satisfy the BUSINESS & INDUSTRY ENDORSEMENT for the Foundation High School Program. See the FHSP Parent/Student Guide for more information.

79780100 ADVERTISING & SALES PROMOTION, 1 credit

Grade: 9-12

Recommendation: None

Everybody recognizes the Nike "swoosh" and McDonald's "golden arches". In Advertising, you'll take a walk through the "advertising business" and learn to create advertisements with style. Advertising focuses on the concepts and skills associated with the dynamic advertising industry. Students will analyze the goals and objectives of advertising and identify, critique, and develop ads. Membership in DECA is highly recommended.

79751800 FASHION MARKETING, 1 credit

Grade: 11-12

Recommendation: Fashion Design

Principles of Business, Marketing and Finance

Fashion Marketing is designed to provide students with knowledge of various business functions in the fashion industry. Students in Fashion Marketing will gain a working knowledge of textiles, fashion promotion, visual merchandising, selling, and career opportunities. **Offered at LHS only**

79780600 ENTREPRENEURSHIP, 1 credit

Grade: 9-12

Recommendation: None

Do you have the right stuff to be a successful business owner? In Entrepreneurship you'll learn to plan, design, and start a profitable business venture. Students will gain skills in retail & marketing, salesmanship, business accounting, business communications, and develop their own business plan. Membership in DECA is highly recommended.

79782600 Sports and Entertainment Marketing, 1 credit

Grade: 10-12

Recommendation: None

This course will take the student on a step-by-step journey through the world of Sports and Entertainment Marketing. The course will cover the basic marketing of college, amateur, and professional sports as well as marketing products and services in the world of entertainment. Careers in Sports and Entertainment industries will also be explored. Membership in DECA is highly recommended. Lab fees required.

79781800 PRACTICUM IN MARKETING DYNAMICS, 3 credits + 1 Local credit

Grade: 10-12

Recommendation: Must be at least 16 at the beginning of school

Application

Teacher approval

This course consists of in-class instruction as well as early release for on-the-job training. Students will be required to be gainfully employed for the entire school year with a requirement of 15 hours per week. Student will learn how marketing decisions are made and the steps involved in the marketing process. Student will also learn various marketing strategies businesses use to create and promote products, satisfy customers, and make a profit. In addition to these marketing concepts, students will learn how to understand economic foundations that are essential to knowing where, when, why and how to get goods and services into the hands of consumers. Students will also learn

the skills necessary to market yourself in today's competitive work force. Membership in the marketing student leadership organization (DECA) is highly recommended.

79781900 Practicum in Marketing Dynamics II, 3 credits + 1 Local credit

Grade: 11-12

Recommendation: Practicum In Marketing Dynamics

In Marketing II, students learn that to be a successful marketing manager, they must maximize the potential in their employees. Marketing Management II emphasizes the development of decision-making skills so that students understand the impact of management-oriented challenges. See instructor for information packet prior to registering for this class. Membership in DECA is highly recommended.

SCIENCE, TECHNOLOGY, ENGINEERING, MATH (STEM)

(Bus transportation provided to Career Centers)
ALL courses at the Career Centers are DOUBLE BLOCKED 3 hour classes

Courses in this cluster may satisfy the SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH ENDORSEMENT for the Foundation High School Program. See the FHSP Parent/Student Guide for more information.

BIOTECHNOLOGY AND ENGINEERING DESIGN & PROBLEM SOLVING FOR BIOENGINEERING, 2 CREDITS

Grade: 10-12

Recommendation: Biology, Chemistry

(NOTE: BOTH COURSES MUST BE TAKEN FOR CREDIT)

89771800 BIOTECHNOLOGY 1 credit

This course stresses the importance of using biotechnology to save and transform lives. To support this theme, the course provides an overview of genetics, cell structure, proteins, nucleic acids, and the impact of immunological events in biotechnology. Students engage in experiments and hands-on activities a minimum of 60% of the time. These activities and experiments introduce the scientific concepts and laboratory techniques currently used in industry. In addition, students develop critical thinking and communication skills by analyzing and presenting results. Furthermore, students explore and evaluate career opportunities in the field of biotechnology through readings, laboratory experiments, class discussions, and research projects. This class emphasizes laboratory technique and foundational knowledge.

Offered at Career Center East

89771700 Engineering Design and Problem Solving - BIOENGINEERING, 1 credit GPA Level: 1

Grades: 10-12

Prerequisite: Algebra II, Chemistry, Physics

In EDPS-BE students explore biomedical engineering using the biotechnology knowledge developed in the Introduction to Biotechnology course. Students engaged in problem based learning using industry standard processes and instrumentation least 60% of the time. The engineering design process is introduced and compared to the scientific method. Special emphasis is placed upon identifying and solving problems that have a medical purpose. The use of 3D drawing and visualization tools strengthens students' spatial and visualization skills. Students build a major project such as an ECG machine or a heart pump simulator. This class emphasizes the creativity and problem solving. *Counts as a fourth science credit*. Offered at Career Center East

Robotics, 2 credits Grade: 10-12

Prerequisite: Algebra II

(NOTE: BOTH COURSES MUST BE TAKEN FOR CREDIT)

89810700 ENGINEERING MATHEMATICS (ENG DESIGN & PROB SOLVING-EM), 1 credit GPA Level: 2 In EM students build VEX robots to complete six design challenges. Students use a variety of mathematical methods and models to represent and analyze problems involving data acquisition, spatial applications, electrical measurement, manufacturing processes, materials engineering, mechanical drives, pneumatics, process control systems, quality control, and robotics with computer programming. The math covered in the course prepares the students to take the ACCUPLACER math test that is required to enroll in many Texas colleges. Material and supply fees may be required. This course qualifies as a fourth math on the RHSP and DAP graduation plans. Offered at Career Center East Only

See next page for paired course.

89775100 Robotics and Automation, 1 credit

In Robotics and Automation, students continue with the concepts and methods developed in Engineering Math. Emphasis is on the design process and applying ideas from EM. This is a project based environment that requires students to build prototypes or use simulation software to test designs. Special emphasis is on programming and using feed-back loops for robot control. Additionally, students explore career opportunities, employer expectations, and educational needs in the robotic and automation industry. EM or a strong background in robotics is recommended for this course. Offered at Career Center East Only. This is a Technology Applications course. This course does not count in GPA.

Engineering, 2 credits

Grade 11-12

Prerequisite: Algebra II, Chemistry, Physics

(NOTE: BOTH COURSES MUST BE TAKEN FOR CREDIT)

89809100 Engineering: The Digital Future (Infinity)

In the Infinity Project students learn to use Digital Signal Processing (DSP) technology. DSP is the heart of cell phones, the internet and most modern electronic devices. Students use industry standard LabVIEW software and the SPEEDY-33 DSP hardware kit to build and test engineering designs. Students use mathematics to model signals to create digital music and make special effects in graphic images. Students use modern engineering processes and tools, and learn about engineering opportunities. This a freshman college course taught at the high school level. Students need algebra II and will be learning applied trigonometry. Stronger math students will find the course easier. Material and supply fees may be required. **Offered at Career Center East Only**

89770600 Engineering Design and Problem Solving - Infinity

GPA Level: 1

Students learn how engineers create, design, and test the technologies and devices of the 21st century using math, science, and creative skills. In particular, students learn the "engineering design process" and put this proven problem-solving approach into regular practice by applying math and science to design and test digital and mechanical devices. Students learn from both regular classroom lectures, and from hands-on design projects. Students spend 40% of instructional time, conducting engineering field and laboratory activities. The activities include mechanical engineering (mouse trap cars and ballistic devices), civil engineering (bridge building and destruction), and biomedical engineering (optimizing running). Material and supply fees may be required. (May qualify as a Science credit. See Options for Fourth Math and Science in first section of guide.) This course must be taken in conjunction with Engineering: The Digital Future (Infinity) for the 2 credits.

89810800 Practicum in Science, Technology, Engineering, and Mathematics, 2 credits

Grade: 12

Recommendation: Infinity and Engineering Design & Problem Solving or

Engineering Math and Robotics & Automation

The practicum is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. **Offered at Career Center East Only**

TRANSPORTATION, DISTRIBUTION & LOGISTICS

(Bus transportation provided to Career Centers)
ALL courses at the Career Centers are DOUBLE BLOCKED ... 3 hour classes

Courses in this cluster may satisfy the BUSINESS & INDUSTRY ENDORSEMENT for the Foundation High School Program. See the FHSP Parent/Student Guide for more information.

89802600 AUTOMOTIVE TECHNOLOGY, (NATEF), 2 credits

Grade: 11-12

Materials: \$25 Fee (OSHA)

Black button up work shirt Z87 rated safety glasses Recommendation: IPC or Physics

Automotive services include the knowledge of Electrical Systems, Suspension and Steering, Brakes, and Engine Performance. In the study of Electrical Systems, students will need to learn the basics principles of electricity understand and use Ohm's Law to diagnose circuits, be able to describe the differences between a series circuit and a parallel circuit. In addition to basic electricity, students will learn the basics of the battery, cranking, and charging systems. Students will also learn about tires and wheels, wheel bearings, tire repair, and tire ratings. In addition to the study of tires, students will learn about the different types of suspension systems, and perform general front suspension inspections. Brake system principles, covering basic principles of braking, kinetic and static friction, friction materials, application pressure, and heat dissipation will be taught. Along with the basics, students will learn the components of the brake system and their operation. Engine performance will enable the student to state the purpose of the major engine performance systems and components, explain the reason for on board diagnostics (OBD), and explain the monitored systems in an OBD-II Stringent safety measures are also taught along with job preparation skills, including professional dress, punctuality, respect, and the ability to read, listen, understand, and accept direction. The focus of this course is to learn the theory of operation of automotive systems and associated repair practices. Other material and supply fees may be required. Offered at Career **Center East Only**

89802700 ADVANCED AUTOMOTIVE TECHNOLOGY (NATEF), 2 credits

Grade: 11-12

Prerequisite: Automotive Technology

Materials: \$25 Fee (OSHA)

Black button up work shirt, Z87 rated safety glasses

Recommendation: IPC or Physics

Automotive services include the application with advanced knowledge of the function of the Brake System: Anti-Lock Brakes, Electrical Systems: Hybrid Vehicle Operation, Suspension and Steering: Electronic Suspension Systems, Engine Performance: Advanced Level Diagnostics and Drivability concerns. The principles of properly diagnosing and servicing these systems will be taught. Student will gain knowledge and skills in the repair, maintenance, and diagnosing of these systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills in a variety of relevant activities and problems. The focus of this course is to expand on the theory of operation of automotive systems and associated repair practices. Students will be eligible to sit for the written (test) portion of the ASE certification, actual certification will occur after meeting required industry experience. Other material and supply fees may be required. **Offered at Career Center East Only**

89802200 Practicum in Transportation, Distribution, & Logistics I (Auto Tech), 2 credits

Grade: 12

Prerequisite: Advanced Automotive Technology

Materials: \$50 Fee Uniform Recommendation: IPC or Physics

The Practicum is designed to give students supervised practical application of knowledge and skills through industry job shadowing and internship. Experiences can come in a variety of locations from independent repair locations to new car dealer repair departments. **Upon completion of required course work, students can receive ASE (Automotive Service Excellence) certification.** Students interested in this program should inquire about afternoon placement in this program for the purpose of industry placement. Students will be eligible to sit for the written (test) portion of the ASE certification, actual certification will occur after meeting required industry experience. Other material and supply fees may be required. **Offered at Career Center East Only**

89801100 Collision Repair and Refinishing, 2 credits

Grade: 10-12

Recommendation: Uniform, respirator, and gloves required

First term training skills include safety, hand and power tools use, part removal and installation, metal repair, priming and painting techniques, basic measurements, paint ratio and mixing procedures. The Auto Collision course is a simulation of how an actual repair shop is managed. Material and supply fees may be required. **Offered at Dale Jackson Career Center Only**

89801700 Advanced Collision Repair and Refinishing, 2 credits

Grade: 10-12

Prerequisite: Collision Repair and Refinishing

Advanced training in refinishing techniques, major collision repair, estimating, laser guided structural alignment, welding, and students may also take advantage of 4th term work placement program. Through the I-Car live program, students may gain the I-Car certification. Material and supply fees may be required. **Offered at Dale Jackson Career Center Only**

89800400 Practicum in Transportation, Distribution, & Logistics I (Auto Collision), 2 credits

Grade: 12

Prerequisite: Advanced Collision Repair and Refinishing

This course is a paid or unpaid capstone experience for students participating in a coherent sequence of courses in the Transportation, Distribution, and Logistics cluster. This course is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study, or laboratories. **Offered at Dale Jackson Career Center Only**

TECHNOLOGY APPLICATIONS

(Bus transportation provided to Career Centers)
ALL courses at the Career Centers are DOUBLE BLOCKED ... 3 hour classes

Courses in this cluster may satisfy the BUSINESS & INDUSTRY ENDORSEMENT for the Foundation High School Program. See the FHSP Parent/Student Guide for more information.

79168600 COMPUTER SCIENCE I

Grade: 9-12

Prerequisite: Algebra 1

Computer Science I will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts. This course WILL COUNT in the student's GPA for students graduating on the Foundation High School Program (FHSP) diploma ONLY. It will NOT COUNT in GPA for students graduating on the MHSP, RHSP, DAP. This course must be taken back-to-back with Computer Science II in 2015-2016 to satisfy the LOTE requirement for the FHSP. PLEASE NOTE THAT MANY UNIVERSITIES WILL NOT ALLOW COMPUTER SCIENCE TO SUBSTITUTE FOR A FOREIGN LANGUAGE REQUIREMENT FOR COLLEGE ADMISSIONS PURPOSES. This course is a Technology Applications Course.

79168700 COMPUTER SCIENCE II

Grade: 9-12

Prerequisite: Computer Science I

Computer Science II will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of computer science through the study of technology operations, systems, and concepts. This course WILL COUNT in the student's GPA for students graduating on the Foundation High School Program (FHSP) diploma ONLY. It will NOT COUNT in GPA for students graduating on the MHSP, RHSP, DAP. This course must be taken back-toback with Computer Science I in 2015-2016 to satisfy the LOTE requirement for the FHSP. PLEASE NOTE THAT MANY UNIVERSITIES WILL NOT ALLOW COMPUTER SCIENCE TO SUBSTITUTE FOR A FOREIGN LANGUAGE REQUIREMENT FOR COLLEGE ADMISSIONS PURPOSES. This course is a Technology Applications Course.

GPA Level: 1 (FHSP Only)

GPA Level: 1 (FHSP Only)

79168602 COMPUTER SCIENCE | ADVANCED PLACEMENT, 1 credit

Grade: 11-12

Recommendation: Advanced Computer Programming

Computer Science I AP continues the study begun in Advanced Computer Programming and will prepare students for the Advanced Placement Examination in Computer Science. The course is designed for students who are interested in majoring in Engineering, Mathematics, Science, or Computer Science. Topics include advanced data structures, sorting, and searching algorithms, dynamic memory allocation, algorithmic analysis and Object Oriented Programming. JAVA is the language used for completing the program assignments. Prerequisites include successful completion of Advanced Computer Programming and strong programming skills. May count as 4th Math on RHSP and DAP if taken AFTER Algebra 2. *This is a Technology Applications course.*

79831200 DIGITAL DESIGN & MEDIA PRODUCTION, 1 credit

Grade: 11-12

Recommendation: Advanced Journalism-Yearbook Production III OR

Advanced Journalism-Newspaper Production III

Students will create, design, lay out, edit, and produce camera-ready publications. Students work independently using personal computers to complete word-processing documents, templates, and graphic design pages. *This is a Technology Applications course.*

89804300 GAME PROGRAMMING AND DESIGN, 1 credit

Grade: 9-12

Recommendation: Touch Systems Data Entry or Business Information Management

Game Programming and Design is an introductory course to video game programming, level design, and video game art. Students will learn the principles and practice of modeling in polygons, applying textures and materials to those models, and rendering them with appropriate lighting. The models, characters, and images created will be optimized for game engines. Students will also add game audio sound effects and music as well as implement game sound mechanics, including playing, pausing, and looping. This course provides a solid foundation in the essentials of game design and the process of creating game assets. *This course is a Technology Applications*. Offered at Career Center East Only. This course must be double-blocked with Video Game Design.

WEB GAME DEVELOPMENT & MOBILE APPLICATION DEVELOPMENT, 2 credits

Grade: 10-12

Recommendation: Video Game Design and Game Programming and Design

(NOTE: BOTH COURSES MUST BE TAKEN FOR CREDIT)

89814300 WEB GAME DEVELOPMENT

The Web Game Development course will provide students with opportunities to use digital media and environments to research, evaluate, and create web forms for database processing. During this course, students will examine both Common Gateway Interface (CGI) and computer-generated imagery; learn to program web games with HTML5, CSS, and JavaScript; analyze and summarize streaming media/content and game broadcasting; and review the history of gaming; game types. Students will also investigate career opportunities in programming, gaming, art, design, business, and marketing; develop and create a gaming storyboard and script as well as implement graphic and game design elements. *This course is a Technology Applications course and may count towards a Business & Industry Endorsement.* Offered at Career Center East Only. *This is a Technology Applications course.*

89814400 MOBILE APPLICATION DEVELOPMENT

Mobile Application Development will foster students' creativity and innovation by presenting opportunities to design, implement, and deliver meaningful projects using mobile computing

GPA Level: 3

devices through problem-solving and collaboration. Students will gain an understanding of the principles of mobile application development through the study of development platforms, programming languages, and software design standards. Through data analysis, students will identify task requirements, plan search strategies, and use software development concepts to access, analyze, and evaluate information needed to program mobile devices. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. This course is a Technology Applications course and may count towards a Business & Industry Endorsement. Offered at Career Center East Only. This is a Technology Applications course.

89775100 Robotics and Automation, 1 credit

Grade: 10-12

Prerequisite: Algebra II

In Robotics and Automation, students continue with the concepts and methods developed in Engineering Math. Emphasis is on the design process and applying ideas from EM. This is a project based environment that requires students to build prototypes or use simulation software to test designs. Special emphasis is on programming and using feed-back loops for robot control. Additionally, students explore career opportunities, employer expectations, and educational needs in the robotic and automation industry. EM or a strong background in robotics is recommended for this course. Offered at Career Center East Only. This is a Technology Applications course. This course must be double-blocked with Engineering Mathematics at Career Center East.

PRACTICUM/CAREER PREP IN EDUCATION PROGRAMS

79168200 PRACTICUM IN BUSINESS MANAGEMENT I, 3 credits + 1 Local

Grade: 10-12

See Business Cluster

79169300 PRACTICUM IN BUSINESS MANAGEMENT II, 3 credits + 1 Local credit

Grade: 11-12

See Business Cluster

79781800 PRACTICUM IN MARKETING DYNAMICS I, 3 credits + 1 Local credit

Grade: 10-12

See Marketing Cluster

79781900 PRACTICUM IN MARKETING DYNAMICS II, 3 credits + 1 Local credit

Grade: 11-12

See Marketing Cluster

89811400 PRACTICUM IN CONSTRUCTION MANAGEMENT I, 2 credits

Grade: 10-12

See Architecture and Construction Cluster

89811200 PRACTICUM IN MANUFACTURING I, 2 credits

Grade: 10-12

See Manufacturing Cluster

89811300 PRACTICUM IN MANUFACTURING II, 2 credits

Grade: 11-12

See Manufacturing Cluster

89802200 PRACTICUM IN TRANSPORTATION, DISTRIBUTION, & LOGISTICS I (AUTO TECH), 2 credits

Grade: 12: Offered Career Center East only See Transportation, Distribution & Logistics Cluster

89800400 PRACTICUM IN TRANSPORTATION, DISTRIBUTION, & LOGISTICS I (AUTO COLL), 2 credits

Grade: 12 Offered Career Center East only See Transportation, Distribution & Logistics Cluster

89803400 PRACTICUM IN AUDIO & VIDEO PRODUCTION. 2 credits

Grade: 11-12 ... Offered at both Career Centers

See Arts, Audio Visual Technology & Communication Cluster

89800800 PRACTICUM IN GRAPHIC DESIGN & ILLUSTRATION, 2 credits

Grade 11-12 ... Offered at both Career Centers

See Arts, Audio Visual Technology & Communication Cluster

89815900 CAREER PREPARATION I (DJCC), 2 credits 89815943 CAREER PREPARATION I (CCE), 2 credits

Grade: 11-12

Recommendation: Practicum in Level Class

Career Preparation I provides opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment experiences and supports strong partnerships among school, business, and community stakeholders. The goal is to prepare students with a variety of skills for a fast-changing workplace. This instructional arrangement should be an advanced component of a student's individual program of study. Students are taught employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success. **Offered at both Career Centers**

89815800 CAREER PREPARATION II (DJCC), 2 credits 89815843 CAREER PREPARATION II (CCE), 2 credits

Grade: 12

Recommendation: Career Preparation I

Career Preparation II develops essential knowledge and skills through classroom technical instruction and on-the-job training in an approved business and industry training area. Students will develop skills for lifelong learning, employability, leadership, management, work ethics, safety, and communication as a group; however, each student will have an individual training plan that will address job-specific knowledge and skills. Approved training sponsors will provide paid occupational training for a student. The training sponsor will assist the teacher in providing the necessary knowledge and skills for the student's specific career preparation. **Offered at both Career Centers**

79814900 CAREER PREPARATION I (Campus), 2 credits

Grade: 11-12

Recommendation: None

Career Preparation I provides opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment experiences and supports strong partnerships among school, business, and community stakeholders. This instructional arrangement is an advanced component of a student's individual program of study. Students are taught employability skills, job-specific skills, job interview techniques, communication skills, financial and budget activities, and human relations. This course is one class period for the entire school year.

79825200 CAREER PREPARATION II (Campus), 2 credits

Grade: 12

Recommendation: None

Career Preparation II develops essential knowledge and skills through classroom technical instruction and on-the-job training in an approved business and industry training area. Students will develop skills for lifelong learning, employability, leadership, management, work ethics, safety, and communication. Approved training sponsors will provide paid occupational training for a student. This course is one class period for the entire school year.

FINE ARTS

Courses in this department will fulfill the Fine Art requirement for all graduation plans. Courses in this cluster may satisfy the ARTS & HUMANITIES ENDORSEMENT for the Foundation High School Program. See the FHSP Parent/Student Guide for more information.

ART

NOTE:

- College credit may be granted by a university based upon Advanced Placement examination scores. All students enrolled in an Advanced Placement course are encouraged to take the Advanced Placement exam for that course. There is a fee for each exam. Information on fee reductions and exam subsidies, based on financial need, are available through the high school counselor.
- All art students will be required to provide some of their own materials.
- Students will be charged for materials used to produce individual projects that they keep for personal use. Basic instructional materials used in the curriculum will be provided by the school art budget.

59110000 ART **I**, 1 credit

Grade: 9-12

Prerequisite: None

This is the foundation for all other art courses. No prior drawing skills are necessary. The elements and the principles of design are emphasized through a variety of projects and problems in both two-dimensional and three-dimensional design, drawing, painting, and printmaking. The course includes a survey of historical and cultural developments in art. Students develop skills in observing, problem-solving, manipulating art media, and evaluating art works. Preparation of a portfolio is required. One full credit (18 weeks) must be earned in Art I for entry into a Level II art course.

59110090(A) / 59110190(B) ART I - ONLINE, 1 credit

Grade: 9-12

Prerequisite: None

This is the foundation for all other art courses. No prior drawing skills are necessary. Instruction and content are delivered primarily over the Internet, and students may have opportunities to meet face-to-face for collaboration, group work and personalized instruction. The elements and the principles of design are emphasized through a variety of projects and problems in both two-dimensional and three-dimensional design, drawing, painting, and printmaking. The course includes a survey of historical and cultural developments in art. Students develop skills in observing, problem-solving, manipulating art media, and evaluating art works. Preparation of a portfolio is required. One full credit (18 weeks) must be earned in Art I for entry into a Level II art course.

59110500 Art II - Drawing, 1 credit

Grade: 9-12

Prerequisite: Art I

This course provides students an opportunity to further develop their drawing skills. Higher-level thinking skills are challenged with design and composition projects that use a variety of drawing media, techniques and themes. Emphasis on the study of art history will provide students the opportunity to learn evaluation techniques and to apply this knowledge to their own work. Preparation of a portfolio is required.

59111000 ART II - PAINTING, 1 credit

Grade: 9-12 Prerequisite: Art 1

This course provides students an opportunity to further develop their drawing and painting skills. Design and composition are emphasized through a variety of painting media, techniques, and themes, both representational and non-representational. Students will learn to evaluate their own work by studying artists and art works throughout history. Preparation of a portfolio is required.

59111100 ART II - PRINTMAKING, 1 credit

Grade 9-12

Prerequisite: Art I

This course provides students an opportunity to study printmaking techniques. Design and composition will be explored through the use of various printmaking media such as screen printing, etching, relief printing, and calligraphy. Students will learn to evaluate their own work by studying artists and art works throughout history. A portfolio is required.

59111500 ART II - SCULPTURE, 1 credit

Grade: 9-12 Prerequisite: Art I

This course is a study of three-dimensional design in a variety of media. Functional and non-functional sculptural techniques will be studied. Students will develop a personal style of expression through work in a variety of sculptural mediums, such as papier-mâché, clay, stone, and wire. Students will learn to evaluate their own work by studying artists and art works throughout history. Preparation of a digital portfolio of the student's works is required.

59112000 ART II - CERAMICS, 1 credit

Grade: 9-12 Prerequisite: Art I

This course is a study of three-dimensional design in clay. Functional and non-functional sculptural techniques will be studied. Students will develop a personal style of expression through work in clay, including hand-building, throwing on the potter's wheel, glazing and alternative firing processes. A study of artists and their works provides a basis for students to learn how to evaluate artworks and to apply that knowledge to their own work. Preparation of a digital portfolio of the student's works is required.

59112100 Art II - Photography, 1 credit

Grade 9-12

Prerequisite: Art I

This is a basic course in black and white photography and darkroom techniques and provides a foundation for succeeding courses. The elements and principles of design are emphasized through a variety of assignments and problems in composition. The course includes a survey of historical developments in photography. Students will develop skills in observing, problem-solving, manipulating art media, and evaluating art works. Students must have a 35mm camera (a single lens reflex manual or with manual override). Film and photo paper will be the student's responsibility. Camera information and the list of supplies will be given to the student before the first week of school. Most shooting assignments will be outside of school. The student will not need the camera at school every day. Preparation of a portfolio is required.

59112500 ART III - DRAWING, 1 credit

Grade: 10-12 Prerequisite: Art I

Art II Drawing

This third-year course is an in-depth study of drawing and provides projects on an advanced level. Students will develop a personal style and demonstrate effective use of selected drawing media in solving visual problems and assignments. The study of artists and their artworks, art in other cultures and strategies for evaluating artworks are integral to the course. A portfolio is required.

59113000 ART III - PAINTING, 1 credit

Grade: 10-12 Prerequisite: Art I

Art II Drawing/Painting

This third-year course is an in-depth study of painting and provides projects on an advanced level. Students will develop a personal style and demonstrate effective use of selected painting media in solving visual problems and assignments. The study of artists and their artworks, art in other cultures and strategies for evaluating artworks are integral to the course. A portfolio is required.

59113100 ART III - SCULPTURE, 1 credit

Grade: 10-12 Prerequisite: Art I

Art II Sculpture

This third-year course is an in-depth study of sculpture and will challenge the students with problems on an advanced level. Students will develop a personal style and demonstrate effective use of selected sculptural media in solving special three-dimensional problems and assignments. The study of artists and their artworks, art in other cultures, and strategies for evaluating artworks are integral to the course. A visual/digital portfolio is required.

59113500 ART III - CERAMICS, 1 credit

Grade: 10-12 Prerequisite: Art I

Art II Ceramics

This third-year course provides an in-depth study of ceramics and will challenge the students with problems on an advanced level. Students will develop a personal style and demonstrate effective use of selected ceramic media in solving special three-dimensional problems and assignments. The study of artists and their artworks, art in other cultures, and strategies for evaluating artworks are integral to the course. A visual/digital portfolio is required.

59114000 ART IV - DRAWING, 1 credit

Grade: 11-12 Prerequisite: Art I

Art II Drawing Art III Drawing

The experiences given and skills developed in Art I, II and III prepare students for in-depth study of special problems based on drawing media. They will produce a body of artwork and develop evaluative criteria for selecting artworks to include in a portfolio. A senior exhibition will demonstrate their level of creativity and expertise. Students continue the study of artists and their artworks, art in other cultures, evaluation of artworks, and justification for decisions. Preparation of a portfolio is required.

59114500 Art IV - Painting, 1 credit

Grade: 11-12 Prerequisite: Art I

Art II Painting
Art III Painting

The experiences given and skills developed in Art I, II and III prepare students for in-depth study of special problems based in painting media. They will produce a body of artwork and develop evaluative criteria for selecting artworks to include in a portfolio. A senior exhibition will demonstrate their level of creativity and expertise. Students continue the study of artists and their artworks, art in other cultures, evaluation of artworks, and justification for decisions. Preparation of a portfolio is required.

59115000 ART IV - CERAMICS, 1 credit

Grade: 11-12 Prerequisite: Art I

Art II Ceramics
Art III Ceramics

The experiences given and skills developed in Art I, II and III prepare students for in-depth study of special problems in ceramics. They will produce a body of artwork and develop evaluative criteria for selecting pieces for their portfolio. A senior exhibition will demonstrate their level of creativity and expertise. Students continue the study of artists and their artworks, art in other cultures, evaluation of artworks, and justification for decisions. Preparation of a portfolio is required.

59115200 ART IV - SCULPTURE, 1 credit

Grade: 11-12

Recommendation: Art I

Art II Sculpture Art III Sculpture

This course prepares students for an in-depth study of special problems in sculpture. They will produce a body of artwork and develop evaluative criteria for selecting pieces for their portfolio. A senior exhibition will demonstrate their level of creativity and expertise. Students continue the study of artists and their artworks, art in other cultures, evaluation of artworks, and justification for decisions. Preparation of a portfolio is required. A fee may be charged for this class.

79731200 PRINCIPLES & ELEMENTS OF FLORAL DESIGN, 1 credit (offered at MHS and LHS only)

Grade: 9-12

Recommendation: Principles of Agriculture, Food & Natural Resources

Principles and Elements of Floral Design is a technical course that prepares students to design and arrange floral materials, tropical and blooming plants for special occasions, and for use and placement in interior locations. Topics of instruction include identification and classification of fresh-cut floral materials; fresh flower and foliage care and handling; design principles, elements, and mechanics; and the construction of basic and contemporary geometric designs, boutonnieres, and corsages using fresh-cut, dried, and/or permanent floral materials. Also included is related information on tropical foliage and blooming plant identification, interior landscape design, cultural requirements and tasks for maintaining healthy interior plants, and safe work practices. This course prepares students for a career in the floral industry and emphasizes certification from the Texas State Florist Association. (Lab Fees Required). This course will satisfy the Fine Art requirement for all graduation plans.

ADVANCED PLACEMENT ART COURSES

The following Advanced Placement art courses may be taken at Level III or Level IV. The art Advanced Placement Portfolio courses enable highly motivated students to do college-level work in art while still in high school. The courses involve significantly more time and commitment than most high school art courses and are intended for students seriously committed to studying art. The evaluation for college credit of students enrolled in art AP courses is not based on a written examination. A portfolio is submitted for review by professional artists and teachers. Students are responsible for the examination fee and the cost of preparing slides and artwork included in the portfolio. Information on fee reductions and exam subsidies, based on financial need, are available through the high school testing coordinator.

59115502 Two-Dimensional Design Portfolio – Advanced Placement, 1 credit GPA Level: 3

Grade: 11-12

Recommendation: Art II Drawing/Painting/Photography

Art III Drawing/Painting/Photography, or teacher recommendation

This Two-Dimensional Design Advanced Placement portfolio is intended to address a very broad interpretation of two-dimensional design issues. This type of design involves purposeful decision-making about how to use the elements and principles of art in an integrated way. For this portfolio, students are asked to demonstrate proficiency in two-dimensional design using a variety of art forms. These could include, but are not limited to, graphic design, digital imaging, photography, collage, fabric design, illustration, painting, and printmaking. The portfolio is submitted as both original pieces and as 35-mm slides of selected pieces that represent the student's best works and includes a written statement defining the student's focus of concentration. Students will pay for slides and the portfolio fees.

59116002 Three Dimensional Design Portfolio – Advanced Placement, 1 credit GPA Level: 3

Grade: 11-12

Prerequisite: Art II Ceramics/Art II Sculpture

Art III Ceramics/Art III Sculpture or teacher recommendation

The Three-Dimensional Design Portfolio course is intended to address a very broad interpretation of sculptural issues in depth and space. Such elements and concepts can be articulated through additive and subtractive fabrication processes. A variety of approaches might include jewelry, traditional sculpture, architectural models, apparel, ceramics, fiber arts, and metal work. The portfolio is submitted as 35-mm slides of selected pieces that represent the student's best works and includes a written statement defining the student's focus of concentration. **Students will pay for slides and the portfolio fees.**

59116502 Drawing Portfolio – Advanced Placement, 1 credit

Grade: 11-12

Prerequisite: Art II Drawing/Painting

Art III Drawing/Painting, or teacher recommendation

The drawing portfolio course is designed to address a very board interpretation of drawing issues. Painting, printmaking, abstract, and observational works are included in a drawing portfolio. This portfolio allows for a more specific course of study that readily parallels specialized drawing curriculums and programs in college and university art departments as well as in art schools. Works presented in the portfolio may have been produced in art classes and may cover a period longer than a single school year. Work presented in an Advanced Placement Drawing portfolio may not be included in other Advanced Placement portfolios at another time. **Students will pay for slides and the portfolio fees.**

GPA Level: 3

Grade 10-12

Prerequisite: None

Students learn that art history is an integral part of world cultures. Students learn how to look at art, examine the concepts of creativity, originality, self-expression, imagination, style, and artistic tastes. This class provides an understanding of artistic vision, and enables the student to explore what it means to be human. Students identify elements and design principles and apply them to the studies of ancient and modern civilizations. Preparation, with an emphasis on writing skills for the College Board examination, is integrated throughout the course for the AP candidates.

BAND/ORCHESTRA

Fees for supplies, tools and optional trip opportunities may apply. Financial assistance may be available on a limited basis to those who qualify in accordance with program guidelines.

59380000 BAND I, VARSITY, 1 credit **59380500** BAND II, VARSITY, 1 credit **59381000** BAND III, VARSITY, 1 credit **59381500** BAND IV, VARSITY, 1 credit

Grade: 9-12 (Fall term)

Recommendation: Placement by audition

The varsity band is a basic training organization. The primary function is to develop Instrumental techniques, musical skills and confidence in performing in a classroom situation. Graded performances and rehearsals outside of the school day are an expectation for this course.

59382000 Band I, Varsity, 1 credit **59382500 Band II, Varsity**, 1 credit **59383000 Band III, Varsity**, 1 credit **59383500 Band IV, Varsity**, 1 credit

Grade: 9-12 (Spring term)

Recommendation: Placement by audition

The varsity band is a basic training organization. The primary function is to develop instrumental techniques, musical skills and confidence in performing in a classroom situation. Graded performances and rehearsals outside of the school day are an expectation for this course.

59384000 BAND I, CONCERT, 1 credit 59384500 BAND II, CONCERT, 1 credit 59385000 BAND III, CONCERT, 1 credit 59385500 BAND IV, CONCERT, 1 credit

Grade: 9-12 (Fall term)

Recommendation: Middle School Band or equivalent *OR* by exam and by audition

The concert band performs in several local concerts and at all UIL activities. The concert band comprises one part of the marching unit; however, it rehearses as a separate unit throughout the year. Graded performances and rehearsals outside of the school day are an expectation for this course.

59386000 Band I, Concert, 1 credit **59386500 Band II, Concert**, 1 credit **59387000 Band III, Concert**, 1 credit

GPA Level: 3

59387500 BAND IV, CONCERT, 1 credit

Grade: 9-12 (Spring term)

Recommendation: Middle School Band or equivalent *OR* by exam and by audition

The concert band performs in several local concerts and at all UIL activities. The concert band comprises one part of the marching unit; however, it rehearses as a separate unit throughout the year. Graded performances and rehearsals outside of the school day are an expectation for this course.

59388000 BAND I, SYMPHONIC, 1 credit 59388500 BAND II, SYMPHONIC, 1 credit 59389000 BAND III, SYMPHONIC, 1 credit 59389500 BAND IV, SYMPHONIC, 1 credit

Grade: 9-12 (Fall term)
Recommendation: Exam
Audition

The symphonic band performs concerts and at UIL and TMEA activities. This band comprises one part of the marching band; however, it rehearses as a separate unit throughout the year.

59390000 BAND I, SYMPHONIC, 1 credit 59390500 BAND II, SYMPHONIC, 1 credit 59391000 BAND III, SYMPHONIC, 1 credit 59391500 BAND IV, SYMPHONIC, 1 credit

Grade: 9-12 (Spring term)
Recommendation: Exam
Audition

The symphonic band performs concerts and at UIL and TMEA activities. This band comprises one part of the marching band; however, it rehearses as a separate unit throughout the year. Graded performances and rehearsals outside of the school day are an expectation for this course.

59392000 BAND I, WIND SYMPHONY, 1 credit 59392500 BAND II, WIND SYMPHONY, 1 credit 59393000 BAND III, WIND SYMPHONY, 1 credit 59393500 BAND IV, WIND SYMPHONY, 1 credit

Grade: 9-12 (Fall term)
Recommendation: Exam
Audition

This band performs in concerts and at UIL and TMEA activities. This band comprises one part of the marching band; however, it rehearses as a separate unit throughout the year. This group performs music on the most advanced high school level. Graded performances and rehearsals outside of the school day are an expectation for this course.

59394000 BAND I, WIND SYMPHONY, 1 credit 59394500 BAND II, WIND SYMPHONY, 1 credit 59395000 BAND III, WIND SYMPHONY, 1 credit 59395500 BAND IV, WIND SYMPHONY, 1 credit

Grade: 9-12 (Spring term)
Recommendation: Exam
Audition

This band performs in concerts and at UIL and TMEA activities. This band comprises one part of the marching band; however, it rehearses as a separate unit throughout the year. This group performs music on the most advanced high school level. Graded performances and rehearsals outside of the school day are an expectation for this course.

59396000 BAND I, PERCUSSION, 1 credit 59396500 BAND II, PERCUSSION, 1 credit 59397000 BAND III, PERCUSSION, 1 credit 59397500 BAND IV, PERCUSSION, 1 credit

Grade: 9-12 (Fall term)
Recommendation: Exam
Audition

This group comprises one part of the marching band; however, it rehearses as a separate unit throughout the fall term. The group performs in several local concerts. Graded performances and rehearsals outside of the school day are an expectation for this course.

59430000 CONCERT ORCHESTRA I, 1 credit 59430500 CONCERT ORCHESTRA II, 1 credit 59431000 CONCERT ORCHESTRA IV, 1 credit 59431500 CONCERT ORCHESTRA IV, 1 credit

Grade: 9-12 (Fall term)
Recommendation: Audition

This orchestra performs concerts and participates in UIL and TMEA activities. Graded performances and rehearsals outside of the school day are an expectation for this course.

59432000 CONCERT ORCHESTRA I, 1 credit 59432500 CONCERT ORCHESTRA II, 1 credit 59433000 CONCERT ORCHESTRA IV, 1 credit 59433500 CONCERT ORCHESTRA IV, 1 credit

Grade: 9-12 (Spring term)
Recommendation: Audition

This orchestra performs concerts and participates in UIL and TMEA activities. Graded performances and rehearsals outside of the school day are an expectation for this course.

59434000 Symphonic Orchestra I, 1 credit 59434100 Symphonic Orchestra II, 1 credit 59434200 Symphonic Orchestra III, 1 credit 59434300 Symphonic Orchestra IV, 1 credit

Grade: 9-12 (Fall term)
Recommendation: Audition

This orchestra performs concerts and participates in UIL and TMEA activities. Graded performances and rehearsals outside of the school day are an expectation for this course.

59434400 Symphonic ORCHESTRA I, 1 credit 59434500 Symphonic ORCHESTRA II, 1 credit 59434600 Symphonic ORCHESTRA III, 1 credit 59434700 Symphonic ORCHESTRA IV, 1 credit

Grade: 9-12 (Spring term)
Recommendation: Audition

This orchestra performs concerts and participates in UIL and TMEA activities. Graded performances and rehearsals outside of the school day are an expectation for this course.

59435000 Chamber ORCHESTRA I, 1 credit 59435100 Chamber ORCHESTRA II, 1 credit 59435200 Chamber ORCHESTRA III, 1 credit 59435300 Chamber ORCHESTRA IV, 1 credit

Grade: 9-12 (Fall term)

Recommendation: Exam, Audition

This orchestra performs concerts and participates in UIL and TMEA activities. This group performs music on the most advanced high school level. Graded performances and rehearsals outside of the school day are an expectation for this course.

59435400 Chamber ORCHESTRA I, 1 credit 59435500 Chamber ORCHESTRA II, 1 credit 59435600 Chamber ORCHESTRA III, 1 credit 59435700 Chamber ORCHESTRA IV, 1 credit

Grade: 9-12 (Spring term)

Recommendation: Exam, Audition

This orchestra performs concerts and participates in UIL and TMEA activities. This group performs music on the most advanced high school level. Graded performances and rehearsals outside of the school day are an expectation for this course.

59440000 Music Theory I, 1 credit

Grade: 9-12

Recommendation: None

Basic pitch and rhythmic notation, key and time signatures, musical clefs, signs, symbols, scales, intervals, choir structure, part writing and ear training will also be studied.

59440500 Music Theory II, 1 credit

Grade: 9-12

Recommendation: Music Theory I

This course reviews and refines the materials covered in Music Theory I and includes additional study of pitch and rhythmic notation, scale structure, intervals, chord structure and movement, simple part writing and ear training. Students will also study advanced chord structure including inversions, augmented, diminished, seventh chords and cadences. Simple melodic lines will be harmonized in four-part harmony. Ear training will be expanded to include simple dictation and sight singing. Form and analysis and original compositions will also be studied.

59441002 Music Theory – ADVANCED PLACEMENT, 1 credit

Grade: 11-12

Recommendation: Music Theory I or II OR Teacher Evaluation

This course is an advanced version of Music Theory I and II. It prepares students to take the Music Theory Advanced Placement test. Students enrolled in AP Music Theory must be able to read either treble, bass, or alto clef in order to enroll in the class **There is a fee for the test. Information on fee reductions and exam subsidies, based on financial need, are available through the high school testing coordinator.**

GPA Level: 3

Fees for supplies, tools and optional trip opportunities may apply. Financial assistance may be available on a limited basis to those who qualify in accordance with program guidelines.

59410000 TENOR-BASS CHORUS I, 1 credit **59410500 TENOR-BASS CHORUS II**, 1 credit **59411000 TENOR-BASS CHORUS III**, 1 credit **59411500 TENOR-BASS CHORUS IV**, 1 credit

Grade: 9-12 (Fall term)
Recommendation: None

Students in this group study music fundamentals, sight singing, and vocal techniques. Some performance is involved. Graded performances and rehearsals outside of the school day are an expectation for this course.

59412000 TENOR-BASS CHORUS I, 1 credit 59412500 TENOR-BASS CHORUS II, 1 credit 59413000 TENOR-BASS CHORUS III, 1 credit 59413500 TENOR-BASS CHORUS IV, 1 credit

Grade: 9-12 (Spring term) Recommendation: None

Students in this group study music fundamentals, sight singing, and vocal techniques. Some performance is involved. Graded performances and rehearsals outside of the school day are an expectation for this course.

59414000 TREBLE CHORUS I, 1 credit 59414500 TREBLE CHORUS II, 1 credit 59415000 TREBLE CHORUS III, 1 credit 59415500 TREBLE CHORUS IV, 1 credit

Grade: 9-12 (Fall term)
Recommendation: None

Students in this group study music fundamentals, sight singing, and vocal techniques. Some performance is involved. Graded performances and rehearsals outside of the school day are an expectation for this course.

59416000 TREBLE CHORUS I, 1 credit 59416500 TREBLE CHORUS II, 1 credit 59417000 TREBLE CHORUS III, 1 credit 59417500 TREBLE CHORUS IV, 1 credit

Grade: 9-12 (Spring term)
Recommendation: None

Students in this group study music fundamentals, sight singing, and vocal techniques. Some performance is involved. Graded performances and rehearsals outside of the school day are an expectation for this course.

59418000 ADVANCED TREBLE CHORUS I, 1 credit 59418500 ADVANCED TREBLE CHORUS II, 1 credit 59419000 ADVANCED TREBLE CHORUS III, 1 credit 59419500 ADVANCED TREBLE CHORUS IV, 1 credit

Grade: 9-12 (Fall term)
Recommendation: Audition

An expanded curriculum of music fundamentals, sight singing, and vocal techniques is offered at this level. Students are expected to participate in a higher percentage of performances at UIL and TMEA competitions. Graded performances and rehearsals outside of the school day are an expectation for this course.

59420000 ADVANCED TREBLE CHORUS I, 1 credit 59420500 ADVANCED TREBLE CHORUS II, 1 credit 59421000 ADVANCED TREBLE CHORUS III, 1 credit 59421500 ADVANCED TREBLE CHORUS IV, 1 credit

Grade: 9-12 (Spring term)
Recommendation: Audition

An expanded curriculum of music fundamentals, sight singing, and vocal techniques is offered at this level. Students are expected to participate in a higher percentage of performances at UIL and TMEA competitions. Graded performances and rehearsals outside of the school day are an expectation for this course.

59422000 Mixed Chorus I, 1 credit **59422500 Mixed Chorus II,** 1 credit **59423000 Mixed Chorus III,** 1 credit **59423500 Mixed Chorus IV,** 1 credit

Grade: 9-12 (Fall term)

Recommendation: Audition

An intermediate curriculum for the study of choral music, sight singing, and vocal technique is offered at this level. Performances at UIL and TMEA competitions are an expected part of this course. Graded performances and rehearsals outside of the school day are an expectation for this course.

59424000 MIXED CHORUS I, 1 credit **59424500 MIXED CHORUS II,** 1 credit **59425000 MIXED CHORUS III,** 1 credit **59425500 MIXED CHORUS IV,** 1 credit

Grade: 9-12 (Spring term)
Recommendation: Audition

An intermediate curriculum for the study of choral music, sight singing, and vocal technique is offered at this level. Performances at UIL and TMEA competitions are an expected part of this course. Graded performances and rehearsals outside of the school day are an expectation for this course.

59426000 Vocal Ensemble I, 1 credit 59426500 Vocal Ensemble II, 1 credit 59427000 Vocal Ensemble III, 1 credit 59427500 Vocal Ensemble IV, 1 credit

Grade: 9-12 (Fall term)

Recommendation: Audition

Students are expected to have gained the highest degree of understanding and knowledge of music concepts, fundamentals, and techniques. Students will perform on a regular basis.

Performances at UIL and TMEA competitions are an expected part of this course. Graded performances and rehearsals outside of the school day are an expectation for this course.

59428000 Vocal Ensemble I, 1 credit 59428500 Vocal Ensemble II, 1 credit 59429000 Vocal Ensemble III, 1 credit 59429500 Vocal Ensemble IV, 1 credit

Grade: 9-12 (Spring term)
Recommendation: Audition

Students are expected to have gained the highest degree of understanding and knowledge of music concepts, fundamentals, and techniques. Students will perform on a regular basis. Performances at UIL and TMEA competitions are an expected part of this course. Graded performances and rehearsals outside of the school day are an expectation for this course.

DANCE

59306000 DANCE I. .5 - 1 credit

Grade: 9-12

This course is designed to provide the student with the opportunity to experience various styles of dance. Curriculum will include the history and rules of dance, dance etiquette and dance terminology.

59306100 Dance II, .5 - 1 credit

Grade: 9-12

Continuation of Dance I.

59306200 DANCE III, .5 - 1 credit

Grade: 9-12

Continuation of Dance II.

59306300 DANCE IV, .5 - 1 credit

Grade: 9-12

Continuation of Dance III.

29121400 Dance (Drill Team), 1 credit

Grade: 9-12 (Fall term)

Recommendation: Member of Drill Team

59305500 DANCE I (DRILL TEAM), 1 credit

Grade: 9-12 (Spring term)

Prerequisite: Member of Drill Team

59305600 Dance II (DRILL TEAM), 1 credit

Grade: 9-12 (Spring term)

Prerequisite: Member of Drill Team

59305700 Dance III (DRILL TEAM), 1 credit

Grade: 9-12 (Spring term)

Prerequisite: Member of Drill Team

59305800 DANCE IV (DRILL TEAM), 1 credit

Grade: 9-12 (Spring term)

Prerequisite: Member of Drill Team

THEATRE ARTS

Fees for supplies, tools and optional trip opportunities may apply. Financial assistance may be available on a limited basis to those who qualify in accordance with program guidelines.

59720000 THEATRE ARTS I, 1 credit

Grade: 9-12

Recommendation: None

This course includes a brief history of the theater, improvisation, pantomime, voice and diction, a study of beginning acting techniques, and aspects of technical theater. Memorized performances and attendance of a minimum of two live theatre performances per semester is required.

59720500 THEATRE ARTS II, 1 credit

Grade: 9-12

Recommendation: Theatre Arts I

Audition AND teacher approval

This course builds on the background established in Theatre Arts I, continuing the study of the cultural contributions of the theater, its structure, variety and evaluation. Greater emphasis is given to the history of theater. Many historical plays and styles will be studied, researched and performed. Techniques for stage-makeup, as well as production and rehearsal principles, are studied in preparation for a major performance by the class. Mandatory participation in departmental performances and attendance of a minimum of two live theatre performances per semester is required.

59721000 ADVANCED THEATRE ARTS III, 1 credit

Grade: 10-12

Recommendation: Theatre Arts II

Audition AND teacher approval

Explores the highly complex areas of theatre. Emphasizes acting, elements of play production, study of theatrical literature and theatre history. Mandatory participation in departmental performances and attendance of a minimum of two live theatre performances per semester is required.

59721500 ADVANCED THEATRE ARTS IV, 1 credit

Grade: 10-12

Recommendation: Theatre Arts III

Audition AND teacher approval

Continues study of Theatre Arts III with emphasis on acting and play production. Mandatory participation in departmental performances and attendance of a minimum of two live theatre performances per semester is required. Courses 59721000 and 59721500 build on the background established in Theatre Arts I and II, continuing the study of the cultural contributions of the theater, its plays, and its performance and production styles and techniques. Basic principles of production are studied and applied through performances in various theatrical modes for major productions. These courses will place an emphasis on higher level and critical thinking skills, will provide for creative productive thinking, stress cognitive concepts and processes, and include instructional strategies that accommodate the learning styles of the students. Participation in additional festivals, performances, and productions is strongly encouraged.

59722000 Technical Theatre I, 1 credit

Grade: 10-12

Recommendation: Theatre Arts I AND teacher approval

This course is designed for the student who wishes to examine the technical aspects of the theater such as practical uses of lighting, sound, rigging, general up-keep of equipment and facilities and operation of the equipment at functions outside regular school hours. Students learn all aspects of technical theater: lighting, sound, set design and construction, costuming, make-up, stage and house management. Students will be able to participate in all the behind-the-scenes action. Students will be expected to show a high level of self-motivation, creative problem-solving, organizational skills, talent (artistic and technical), and cooperation. There will be some night and weekend work during production rehearsals and performances. Mandatory participation in departmental performances (crew work) and attendance of a minimum of two live theatre performances per semester is required. Note: Lab time required (substitution of written work available by contract). Involves after school participation.

59722500 Technical Theatre II, 1 credit

Grade: 10-12

Recommendation: Technical Theatre I AND teacher approval

Explores the technical and business aspects of the theatre and application of these methods and procedures with the major portion of class time spent on actual work on a production. Encourages students to learn all aspects of technical production and then concentrate on those skills which are of most interest. Mandatory participation in departmental performances (crew work) and attendance of a minimum of two live theatre performances per semester is required. Note: Lab time/production work requires time outside the school day; sometimes weekends and holidays.

59723000 TECHNICAL THEATRE III, 1 credit

Grade: 10-12

Recommendation: Technical Theatre II AND teacher approval

Provides students further opportunities to explore the highly complex world of technical theatre. Emphasizes continued development in all areas of technical theatre; including but not limited to design, leadership, departmental design, facility management, technical support, and production. Mandatory participation in departmental performances (crew work) and attendance of a minimum of two live theatre performances per semester is required. Note: Lab time/production work requires time outside the school day; sometimes weekends and holidays.

59723500 TECHNICAL THEATRE IV, 1 credit

Grade: 10-12

Recommendation: Technical Theatre III AND teacher approval

Provides students further opportunities to explore the highly complex world of technical theatre. Emphasizes continued development in all areas of technical theatre; including but not limited to design, leadership, departmental design, facility management, technical support, and production. Mandatory participation in departmental performances (crew work) and attendance of a minimum of two live theatre performances per semester is required. Note: Lab time/production work requires time outside the school day; sometimes weekends and holidays. Courses 59722500, 59723000 and 59723500 combine theories of design and stagecraft techniques with the construction and operation of the various elements of technical theater. Students learn all aspects of technical theater: lighting, sound, set design and construction, costuming, make-up, stage and house management. Students will be able to participate in all the behind-the-scenes action. Students will be expected to show a high level of self-motivation, creative problem-solving, organizational skills, talent (artistic and technical), and cooperation. There will be some night and weekend work during production rehearsals and performances.

59724000 THEATRE PRODUCTION I, 1 credit 59724500 THEATRE PRODUCTION II, 1 credit 59725000 THEATRE PRODUCTION IV, 1 credit 59725500 THEATRE PRODUCTION IV, 1 credit

Grade: 10-12

Recommendation: Theatre Arts I AND teacher Approval

These courses provide practical hands-on experience in acting and stagecraft through the preparation and public performances of plays. These curricular laboratories supplement the other theatre courses which concentrate on theories, information, and techniques, by providing for the integration and implementation of these ideas and skills. Although these courses may meet during a regularly scheduled class period, the scope of activities will probably require more time. Consequently, the courses may meet outside of regular school hours. Students participating in these courses should be afforded opportunities to observe preparation and productions of educational, community, and professional theatre companies. Lab time/production work requires time outside the school day; sometimes weekends and holidays. Mandatory participation in departmental performances and attendance of a minimum of two live theatre performances per semester is required.

HEALTH / PHYSICAL EDUCATION

NOTE: The total possible number of PE related credits a student can earn is 4. The maximum number of athletic-related courses that can count for graduation is 4 credits.

The following courses may be taken as a PE Substitution: Cheerleading (Varsity, Jr. Varsity, Freshman); Drill Team; Marching Band (1st 9 weeks only); External PE; Athletics; JROTC.

29121500 SPORTS MEDICINE I, .5 - 1 credit

Grade: 9-12

Recommendation: None

This course will prepare the student to use basic first aid, taping, and bandaging techniques used in the prevention and care of athletic injuries. This course does not receive PE credit for graduation. It is an elective credit. Some high schools may require extra-curricular participation as a part of this course.

29121600 SPORTS MEDICINE II, .5 - 1 credit

Grade: 9-12

Recommendation: Sports Medicine I and Trainer approval

This course will advance student knowledge in the care of athletic injuries. This course does not receive a PE credit for graduation. It is an elective credit. Some high schools may require extracurricular participation as a part of this course.

29300000 HEALTH EDUCATION, .5 credit

Grade: 9-12

Recommendation: None

Health is designed to prepare students for a healthy, independent lifestyle, based on a wellness program of physical and mental health. They will develop an understanding of topics that include family, relationships, marriage and parenthood, life cycle, skin, skeletal, muscular, reproductive and excretory systems, endocrine, respiratory, nervous, cardiovascular, lymphatic systems, the effect of drugs on the health system, consumer rights, environmental factors, mental health, nutrition, and social issues. Parenting and Paternity Awareness (PAPA) is included.

29300500 Advanced Health Education, .5 credit

Grade: 11-12

Recommendation: Health Education

This course provides the student with the opportunity to develop knowledge for becoming an intelligent consumer. It is designed to aid students in gaining an understanding of their mental and social growth.

29301100 Foundations of Personal Fitness, .5 credit

Grade: 9-12

Recommendation: None

The purpose of this course is to motivate students to strive for lifetime personal fitness with an emphasis on the health-related components of physical fitness. Students will acquire the knowledge and the skills about the process of becoming fit as well as achieving some degree of fitness within the class. The concept of wellness is the corner stone of this course.

29301190(A)/29301290(B) FOUNDATIONS OF PERSONAL FITNESS - ONLINE .5 - 1 credit

Grade: 9-12

Recommendation: None

The class is designed to enable students to acquire and maintain a moderate to high level of personal fitness. Instruction and content are delivered primarily over the Internet, and students may have opportunities to meet face-to-face for collaboration, group work and personalized instruction. Students will evaluate their current level of personal fitness and design a program specific to their personal goals. Participating in a variety of activities, along with learning how nutrition plays an important role in achieving personal fitness will help students understand and reach their fitness goals.

29301700 Aerobic Activities / Recreational Dance, .5 credit

Grade: 9-12

Recommendation: Physical Education I: Foundations of Personal Fitness

Aerobic activities students will be exposed to a variety of activities that promote health-related fitness. The student is expected to exhibit a level of competency in two or more aerobic activities that may include aerobic dance, jogging, power walking, recreational dance, or step aerobics. A major expectation will be to design a personal fitness program that uses aerobic activities that develop the ability to participate confidently. Students recovering from knee or ankle injuries should not be encouraged to sign up for this class. Students with heart, asthma, or breathing related problems must have a medical release.

29302200 INDIVIDUAL SPORTS, .5 credit

Grade: 9-12

Recommendation: Physical Education I: Foundations of Personal Fitness

Students will participate in a wide range of individual activities and sports that can be pursued for a lifetime. The student is expected to exhibit a level of competency in two or more individual sports or activities that develop the ability to participate confidently.

29303200 TEAM SPORTS, .5 credit

Grade: 9-12

Recommendation: Physical Education I: Foundations of Personal Fitness

Students enrolled in Team Sports are expected to develop health-related fitness and an appreciation for teamwork and fair play thus reinforcing the concept of incorporating physical activity into a lifestyle beyond high school.

29303800 Physical Education Substitution/ Varsity Cheerleading, 1 credit

Grade: 10-12

Recommendation: Selection by tryouts and judging

This course includes learning and practicing cheerleading skills and stunts for athletic events and training in various areas of rhythms, gymnastics, and tumbling. This course is offered for 18 weeks for one (1) credit.

29304100 Physical Education Substitution / Jr. Varsity Cheerleading, 1 credit

Grade: 10-11

Recommendation: Selection by tryouts and judging

This course includes learning and practicing cheerleading skills and stunts for athletic events and training in various areas of rhythms, gymnastics, and tumbling. This course is offered for 18 weeks for one (1) credit.

29121800 Physical Education Substitution / Freshman Cheerleading, 1 credit

Grade: 9

Recommendation: Selection by tryouts and judging

This course includes learning and practicing cheerleading skills and stunts for athletic events and training in various areas of rhythms, gymnastics, and tumbling. This course is offered for 18 weeks for one (1) credit.

29121400 Physical Education Substitution / Drill Team, 1 credit

Grade: 9-12 (Fall only)

Recommendation: Selection by tryouts and judging

This course includes learning and practicing dance to perform at various athletic events throughout the year. It also includes training in various areas of dance styles and overall conditioning. This course is offered for 18 weeks for one (1) credit.

29121700 EXTERNAL PHYSICAL EDUCATION

Grade: 9-12

Recommendation: See Guidelines and Application

External Physical Education is an option for students in grades 9-12. Guidelines and applications are available from the student's counselor and online. The purpose of the program is to accommodate students who are making a serious effort to develop high-level capabilities, allowing them to be involved in an External Physical Education program that provides training exceeding that offered in the school district. Students involved in the approved activities, (including but not limited to: dance, fencing, lacrosse, rowing, cycling, gymnastics, equestrian, figure skating, karate, taekwondo, and ice hockey), will be considered for this program. Students must choose from the Approved Vendor List for External PE. There is a non-refundable charge for this course as set by the LISD Board of Trustees.

29309100 Outdoor Education, .5 credit

Grade: 9-12

Recommendation: Foundations of Personal Fitness

This course is designed to explore and develop skills in activities associated with camping, hiking, fishing, hunting, archery, and other outdoor adventures. Material and supply fees may be required.

JOURNALISM

Many courses in this department will satisfy the BUSINESS & INDUSTRY ENDORSEMENT for the Foundation High School Program. See the FHSP Parent/Student Guide for more information.

79320000 JOURNALISM, 1 credit

Grade: 9-12

Recommendation: None

This course will provide students the opportunity to learn the art of journalistic writing. The class will study the basic features of journalism, including its history, advertising, the media, and basic yearbook and/or newspaper production.

79320500 ADVANCED JOURNALISM - YEARBOOK PRODUCTION I, 1 credit

Grade: 10-12

Recommendation: Teacher approval

Students will become aware of publishing techniques to the extent that they will produce the school yearbook. Specialized writing, advertising, graphics, design and layout, and editing are taught in this course. Out-of-class time is required.

79321000 Advanced Journalism - Yearbook Production II, 1 credit

Grade: 10-12

Recommendation: Advanced Journalism – Yearbook Production I

Teacher approval

This course studies and applies the elements and processes necessary to produce the student yearbook. It develops skills in news judgment, fact gathering, photography, headline and caption writing, graphic design and layout, proofing, and editing. The course also includes digital photography, Desktop Publishing and database management. It requires some out-of-class time.

79321500 Advanced Journalism - Yearbook Production III, 1 credit

Grade: 10-12

Recommendation: Advanced Journalism – Yearbook Production I

Advanced Journalism - Yearbook Production II

Teacher approval

This course includes activities individually designed for students whose levels of achievement in magazine journalism allow them to pursue work individually or in small groups, with the teacher serving as advisor and resource person. It deals with the study of the characteristics of magazine and student yearbook pages, style sheets, and copy reading/proofreading. Skills from Production II are also enhanced. The course pursues the study of basic management concepts, time management, and organizational planning. It requires out-of-class time.

79322000 ADVANCED JOURNALISM - Newspaper Production I, 1 credit

Grade: 10-12

Recommendation: Teacher approval

Students will become familiar with newspaper production techniques and journalistic writing techniques to the extent that the students will write and publish a school newspaper on a monthly basis. Out-of-class time is required.

79322500 Advanced Journalism - Newspaper Production II, 1 credit

Grade: 11-12

Recommendation: Advanced Journalism – Newspaper Production I

Teacher approval

This course continues teaching the techniques of feature, editorial, investigative, and interpretative news writing. It offers additional practice in determining news coverage and editorial policy and in the selecting, cropping, and scaling of photographs. The course also includes the practical application of newspaper production and management skills (graphics designs, digital photography and desktop publishing). It requires considerable out-of-class time.

79323000 ADVANCED JOURNALISM - NEWSPAPER PRODUCTION III, 1 credit

Grade: 11-12

Recommendation: Advanced Journalism – Newspaper Production I

Advanced Journalism - Newspaper Production II

Teacher approval

This course includes activities individually designed for students whose levels of achievement in newspaper journalism allow them to pursue work individually or in small groups, with the teacher serving as advisor and resource person. It deals with the study of the characteristics of newspaper pages, style sheets, and copy reading/proofreading symbols. It requires some out-of-class time.

79323500 PHOTOJOURNALISM, 1 credit

Grade: 10-12

Recommendation: Teacher approval

Students will learn photojournalism principles, darkroom techniques, and historic development of photojournalism to the extent that they will become aware of which subjects will provide the best journalistic coverage, will be able to capture that subject on film, and reproduce it in the form of a print. Digital photography will be studied. Expenses per term, exclusive of the purchase of the 100 + SLR camera, will be approximately \$150.00.

79831200 DIGITAL DESIGN & MEDIA PRODUCTION, 1 credit

Grade: 11-12

Recommendation: Advanced Journalism-Yearbook Production III OR

Advanced Journalism-Newspaper Production III

Students will create, design, lay out, edit, and produce camera-ready publications. Students work independently using personal computers to complete word-processing documents, templates, and graphic design pages. *This is a Technology Applications course.*

79324000 ADVANCED JOURNALISM - LITERARY MAGAZINE PRODUCTION I, .5 - 1 Credit

Grade 10-12

Recommendation: Teacher Approval

In this course students will learn many aspects of magazine production using desktop publishing, including graphic design and page layout. They will also learn to edit and select student work for its literary and artistic merit. Student will be taught to market and advertise the publication. It will require some out-of-class time.

79324500 ADVANCED JOURNALISM - LITERARY MAGAZINE PRODUCTION II, .5 - 1Credit

Grade: 11-12

Recommendation: Teacher Approval

Advanced Journalism-Literary Magazine Production I

This is a continuation of Advanced Journalism-Literary Magazine Production I. Students will continue to work on magazine production with more emphasis on editing skills, basic management concepts, time management, financial planning and organizational planning. It will require some out-of-class time.

79325000 ADVANCED JOURNALISM - LITERARY MAGAZINE PRODUCTION III, .5 - 1 credit

Grade: 11-12

Recommendation: Teacher Approval

Advanced Journalism-Literary Magazine Production I Advanced Journalism-Literary Magazine Production II

This is a continuation of Advanced Journalism-Literary Magazine Production II with increased emphasis on production planning, editing and management. It will require some out-of-class time.

79325500 ADVANCED JOURNALISM - BROADCAST I, .5 - 1 credit

Grade: 10-12

Recommendation: Teacher Approval

Students will learn all elements of broadcast journalism including script writing, law, ethics, and technology. Students will produce a news program on a regular basis. Some out-of-school time will be required.

79325600 ADVANCED JOURNALISM-BROADCAST II, .5 - 1 credit

Grade: 10-12

Recommendation: Instructor Approval

Students will learn advanced elements of Broadcast Journalism. Students will produce programs on a regular basis. Some out-of-school time will be required.

JUNIOR ROTC

Courses in this cluster may satisfy the PUBLIC SERVICES ENDORSEMENT for the Foundation High School Program. See the FHSP Parent/Student Guide for more information.

The Junior Reserve Officers' Training Corps (JROTC) is a four-year program for high school students.

Studies in JROTC are divided into two categories: academics and military leadership. Academic studies include four years of studies in the histories and sciences, including Geography, Government, Health, and Study Techniques. Studies in military leadership include Military Customs and Courtesies; Cadet Corps Activities; Study Habits; Time Management; Communications Skills; Leadership and Management Studies; and The Rights, Responsibilities, and Privileges as American Citizens. Additionally, extracurricular after-school activities provide the proving ground for newly learned leadership skills. Activities such as drill team, color guard, physical fitness, marksmanship, academic competitions, and the formal cadet corps' operation all require officers with considerable responsibilities.

The JROTC program is based on the military service associated with the military unit at the respective school. It is <u>not</u> designed to recruit students for the military. Its mission is to promote good citizenship and public service. This is accomplished by using the cadet corps for motivational training and as a leadership laboratory. However, for those considering a military career, these courses will give them a sample of the customs and traditions of our military services. Successfully completing a JROTC program also affords students the chance to enter the military at higher ranks than non-JROTC students.

One credit of JROTC may be substituted for one required credit of Physical Education. Uniforms and equipment are provided for the cadets at no expense by the respective military units at each campus.

NAVY JROTC (Naval Science)

LEWISVILLE HIGH SCHOOL HEBRON HIGH SCHOOL

79500200 Naval Science I (NS-1), 1 credit

Grade: 9-12

Recommendation: Instructor approval may be required

This course introduces students to the meaning of citizenship and to the NJROTC program and fundamental elements of leadership. Key topics covered are: value of scholarship in attaining life goals, awareness of the importance of a healthy lifestyle through physical fitness, a proper diet, controlling stress, introduction to the U.S. Navy, self-discipline training through close order drill instruction, military rank and authority structure. These elements are pursued at the fundamental level.

79500600 Naval Science I, Leadership I, 1 credit (Local)

Grade: 9-12

Recommendation: Naval Science I

Instructor approval may be required

This course is a continuation of Naval Science 1. This course includes continued leadership development through leadership instruction and role playing. Key topics covered are: Citizenship and the American Government, Introduction to Geography, Orienteering, Close Order Drill, Parades and Ceremonies, Survival and Map Reading Skills, Personal Financial Management Skills, Drug

Awareness, Principles of Health and First Aid, Survival Skills and an Overview of the U.S. Navy's Structure.

79501000 Naval Science II (NS-2), 1 credit

Grade: 10-12

Recommendation: Naval Science I

Instructor approval may be required

This course builds on the general introduction provided in NS-1. It further develops the instruction of traits of citizenship and leadership, and it introduces cadets to the technical areas of Naval Science and the role of the U.S. Navy in Maritime History. It also instructs on the vital importance of the world's oceans to the continued well-being of the United States.

79501100 Naval Science II, Leadership II, 1 credit (Local)

Grade: 10-12

Recommendation: Naval Science I & II

Instructor approval may be required

This course is a continuation of Naval Science II with emphasis on Leadership. Introduction to Maritime History, including the American Revolution, Civil War, the rise of the U.S. to world power status, World Wars I and II, the Cold War Era and the 1990's and Beyond; introduction to Nautical Sciences to include Maritime Geography, Oceanography, Meteorology, Astronomy, and Physical Sciences.

79502000 NAVAL SCIENCE III (NS-3), 1 credit

Grade: 11-12

Recommendation: Naval Science I & II

Instructor approval may be required

This course builds on the objectives and concepts of NS-1 and NS-2. This course broadens the understanding of students in the operative principles of military leadership, the concept and significance of teamwork, the intrinsic value of good order and discipline in the accomplishment of objectives, and the importance of Sea Power and National Security. Students gain a more in-depth knowledge of Naval ships and aircraft and an introduction to Marine navigation and seamanship.

79501200 Naval Science III, Leadership III, 1 credit (Local)

Grade: 11-12

Recommendation: Naval Science I & II

Instructor approval may be required

This course is a continuation of Naval Science III with emphasis in leadership and on going instruction in leadership, citizenship and discipline. Course content includes instruction in Sea Power and National Security, Naval Operations and Support Functions, Military Law, and International Law and the Sea. Course provides introduction to Ship Construction and Damage Control, Shipboard Organization and Watch Standing, Basic Seamanship, Marine Navigation, and Naval Weapons and Aircraft.

79503000 NAVAL SCIENCE IV (NS-4), 1 credit

Grade: 12

Recommendation: Naval Science I, II, III

Instructor approval may be required

This course is primarily focused on practical leadership techniques and implementation. The intent is to assist seniors in understanding leadership and improving their leadership skills by putting them in positions of leadership under supervision, then helping them analyze the reasons for their varying degrees of success throughout the year. Classroom activities include seminars, reading assignments, classroom presentations, and practical work with younger cadets.

79503100 Naval Science IV, Leadership IV, 1 credit (Local)

Grade: 12

Recommendation: Naval Science I, II, III

Instructor approval may be required

This course is a continuation of Naval Science IV. Key topics are; instruction in theoretical and applied aspects of leadership training, and organizational leadership responsibilities. Students will become aware of the techniques used to create motivation, develop goals and activities for a work group, and the proper ways to set organizational goals that contribute to a positive and effective organizational culture. Students are provided access to ACT/SAT prep course, guidance in selecting a college and pursuing available scholarships, and mentoring in establishing long range life goals.

AIR FORCE JROTC (Aerospace Science)

(Cadets are required to wear their uniform once a week and must meet proper Air Force grooming standards when in uniform.)

MARCUS HIGH SCHOOL FLOWER MOUND HIGH SCHOOL

The Air Force Junior ROTC (AFJROTC) program, is a four year program with the initial course open to all high school students meeting certain entry requirements. Entry by students into subsequent AFJROTC courses must be approved by the Senior Aerospace Science Instructor (SASI) and is based on compliance with AFJROTC directives specified in each unit's Cadet Guide. One unit of Aerospace Science (AFJROTC) may be substituted for the physical education unit required for graduation. Each course is divided into three categories: Aerospace Science, Leadership and Wellness (Physical Training). Aerospace Science studies include aerospace history, cultural studies, science of flight, exploring space and survival. Leadership studies include Air Force customs and courtesies, drill and ceremonies, cadet corps activities, study habits, time management, communications skills, and leadership and management studies. The Cadet Health and Wellness Program (Physical Training) includes physical activities and assessments patterned after the Presidential Physical Fitness Award as well as team competitions. Students are not required to complete all eight courses to receive academic credit. All uniforms and textbooks are supplied at no expense to the student. Air Force Junior ROTC regulations require that the USAF cadet uniform and the Physical Training (PT) uniform be worn at least one day a week each as specified by the SASI. Special dress and grooming standards as specified by AFJROTC must be met on uniform wear day and any other day cadets are in the uniform (parades, Color Guard presentations, etc.) There may be minor program differences between the two AFJROTC programs within Lewisville Independent School District due to cadet population, physical layout of the facilities, instructor manning, and scheduling methodologies. However grooming standards, uniform requirements, cadet expectations, and procedures for eliminating students who are unwilling to comply with standards are consistent throughout the district and are specified in detail in each unit's Cadet Guide and in Air Force and AFJROTC directives.

Flower Mound High School: Air Force JROTC (Aerospace Science)

AFJROTC courses at Flower Mound High School consist of cadets ranging from grades 9 through 12. This is designed to allow cadets with varying levels of previous enrollment in AFJROTC courses the opportunity to practice their leadership skills in the development of skills in cadets with less time enrolled in AFJROTC. A cadet's specific level will be assigned based on previous semesters of AFJROTC courses completed. For example, a cadet enrolled in AFJROTC for their 1st semester will be enrolled in the Aerospace Science I (AS-1) course, the next semester AS-2 and so on. Classes

may include cadets enrolled in Aerospace Science 1 through 8 (AS-1 to AS-8). With each successive AS-level, cadets are expected to assume increased leadership roles and responsibilities.

79510100 AEROSPACE SCIENCE I (AS-1), 1 credit
79510500 AEROSPACE SCIENCE II (AS-2), 1 credit
79511000 AEROSPACE SCIENCE III (AS-3), 1 credit
79511500 AEROSPACE SCIENCE IV (AS-4), 1 credit
79512000 AEROSPACE SCIENCE V (AS-5), 1 credit (local)
79512500 AEROSPACE SCIENCE VI (AS-6), 1 credit (local)
79513000 AEROSPACE SCIENCE VII (AS-7), 1 credit (local)
79513500 AEROSPACE SCIENCE VIII (AS-8), 1 credit (local)

Fall 2015 Semester

This 18-week semester-long course focuses on *The Science of Flight: A Gateway to New Horizons and Communication, Awareness, and Leadership.* The Science of Flight course acquaints students with the aerospace environment, human requirements of flight, and principles of aircraft flight. Communication, Awareness, and Leadership examines learning, communication, personal development, and building personal awareness. Cadets participate in weekly wellness activities and assessments.

Spring 2016 Semester

This 18-week semester-long course is part two of *The Science of Flight: A Gateway to New Horizons and Communication, Awareness, and Leadership.* Part one of this course is not a pre-requisite. The Science of Flight course acquaints students with the aerospace environment, human requirements of flight, and principles of aircraft flight. This course focuses on the understanding of groups and teams, and preparation for leadership. Cadets participate in weekly wellness activities and assessments.

Fall 2016 Semester

This 18-week semester-long course focuses on *Exploring Space and Life Skills and Career Opportunities*. Exploring space focuses on the space environment, space exploration, manned and unmanned spaceflight and space technology. Life Skills and Career Opportunities emphasize how to apply for college/vocational/technical school, interview skills and financial planning and budgeting. Cadets participate in weekly wellness activities and assessments.

Spring 2017 Semester

This 18-week semester-long course is part two of *Exploring Space and Life Skills and Career Opportunities*. Part one of this course is not a pre-requisite. Exploring space focuses on the space environment, space exploration, manned and unmanned spaceflight and space technology. Life Skills and Career Opportunities emphasize how to apply for college/vocational/technical school, interview skills and financial planning and budgeting. Cadets participate in weekly wellness activities and assessments.

Fall 2017 Semester

This 18-week semester-long course focuses on *Survival: Survive and Return and Principles of Management.* Survival emphasizes the elements of surviving, personal protection, necessities to maintain life, orientation and traveling. Principles of Management emphasizes decision-making, personal-interaction, managerial, and organizational skills. Cadets participate in weekly wellness activities and assessments.

Spring 2018 Semester

This 18-week semester-long course is part two of *Survival: Survive and Return and Principles of Management*. Part one of this course is not a pre-requisite. Survival emphasizes the elements of surviving, personal protection, necessities to maintain life, and orientation and traveling. Principles of

Management emphasizes decision-making, personal-interaction, managerial, and organizational skills. Cadets participate in weekly wellness activities and assessments.

Fall 2018 Semester

This 18-week semester-long course focuses on *A Journey Into Aviation History and Citizenship*, Character, and Air Force Tradition. Aviation History is designed to acquaint the student with the historical development of flight. Air Force Tradition examines individual self-control, wellness and fitness, and citizenship in the United States. Cadets participate in weekly wellness activities and assessments.

Spring 2019 Semester

This 18-week semester-long course is part two of *A Journey Into Aviation History* and *Citizenship*, *Character*, *and Air Force Tradition*. Part one of this course is not a pre-requisite. Aviation History is designed to acquaint the student with the historical development of flight. *Citizenship*, *Character*, *and Air Force Tradition* examines individual self-control, wellness and fitness, and citizenship in the United States. Cadets participate in weekly wellness activities and assessments.

MARCUS HIGH SCHOOL: AIR FORCE JROTC (AEROSPACE SCIENCE)

AFJROTC courses at Marcus High School consist of cadets ranging from grades 9 through 12. This is designed to allow cadets with varying levels of previous enrollment in AFJROTC courses the opportunity to practice their leadership skills in the development of skills in cadets with less time enrolled in AFJROTC. A cadet's specific level will be assigned based on previous semesters of AFJROTC courses completed. For example, a cadet enrolled in AFJROTC for their 1st semester will be enrolled in the Aerospace Science I (AS-1) course, the next semester AS-2 and so on. Classes may include cadets enrolled in Aerospace Science 1 through 8 (AS-1 to AS-8). With each successive AS-level, cadets are expected to assume increased leadership roles and responsibilities.

79510100 AEROSPACE SCIENCE I (AS-1), 1 credit
79510500 AEROSPACE SCIENCE II (AS-2), 1 credit
79511000 AEROSPACE SCIENCE III (AS-3), 1 credit
79511500 AEROSPACE SCIENCE IV (AS-4), 1 credit
79512000 AEROSPACE SCIENCE V (AS-5), 1 credit (local)
79512500 AEROSPACE SCIENCE VI (AS-6), 1 credit (local)
79513000 AEROSPACE SCIENCE VII (AS-7), 1 credit (local)
79513500 AEROSPACE SCIENCE VIII (AS-8), 1 credit (local)

Fall 2015 Semester

Grade: 9-12

Recommendation: Instructor approval

This semester-long course focuses on *Cultural Studies and Life Skills and Career Opportunities*. Students will learn to see their world through many different perspectives. This course introduces students to the study of world affairs, regional studies, and cultural awareness. Students will learn to explore and discover the processes that shape the Earth, the relationships between people and environments, and the links between people and places. Life Skills and Career Opportunities emphasize how to apply for college/vocational/technical school, interview skills and financial planning and budgeting. Cadets participate in weekly wellness activities and assessments.

Spring 2016 Semester

Grade: 9-12

Recommendation: Instructor approval

This 18-week semester-long course is part two of *Cultural Studies and Life Skills and Career Opportunities*. Part one of this course is not a pre-requisite. Students will learn to see their world through many different perspectives. This course introduces students to the study of world affairs, regional studies, and cultural awareness. Students will learn to explore and discover the processes that shape the Earth, the relationships between people and environments, and the links between people and places. Life Skills and Career Opportunities emphasize how to apply for college/vocational/technical school, interview skills and financial planning and budgeting. Cadets participate in weekly wellness activities and assessments.

Fall 2016 Semester

Grade: 9-12

Recommendation: Instructor approval

This 18-week semester-long course focuses on *Exploring Space and Principles of Management*. Exploring space focuses on the space environment, space exploration, manned and unmanned spaceflight and space technology. Principles of Management emphasizes decision-making, personal-interaction, managerial, and organizational skills. Cadets participate in weekly wellness activities and assessments.

Spring 2017 Semester

Grade: 9-12

Recommendation: Instructor approval

This 18-week semester-long course is part two of *Exploring Space and Principles of Management*. Part one of this course is not a pre-requisite. Exploring space focuses on the space environment, space exploration, manned and unmanned spaceflight and space technology. Principles of Management emphasizes decision-making, personal-interaction, managerial, and organizational skills. Cadets participate in weekly wellness activities and assessments.

Fall 2017 Semester

Grade: 9-12

Recommendation: Instructor approval

This 18-week semester-long course focuses on *Survival: Survive and Return and Citizenship, Character, and Air Force Tradition.* Survival emphasizes the elements of surviving, personal protection, necessities to maintain life, and orientation and traveling. Air Force Tradition examines individual self-control, wellness and fitness, and citizenship in the United States. Cadets participate in weekly wellness activities and assessments.

Spring 2018 Semester

Grade: 9-12

Recommendation: Instructor approval

This 18-week semester-long course is part two of *Survival: Survive and Return and Citizenship, Character, and Air Force Tradition.* Part one of this course is not a pre-requisite. Survival emphasizes the elements of surviving, personal protection, necessities to maintain life, and orientation and traveling. Air Force Tradition examines individual self-control, wellness and fitness, and citizenship in the United States. Cadets participate in weekly wellness activities and assessments.

Fall 2018 Semester

Grade: 9-12

Recommendation: Instructor approval

This 18-week semester-long course focuses on *A Journey Into Aviation History and Communication, Awareness, and Leadership.* Aviation History is designed to acquaint the student with the historical development of flight. Communication, Awareness and Leadership examines learning, communication and personal development, and building personal awareness. Cadets participate in weekly wellness activities and assessments.

Spring 2019 Semester

Grade: 9-12

Recommendation: Instructor approval

This 18-week semester-long course focuses on *The Science of Flight: A Gateway to New Horizons* and is part two of Communication, Awareness, and Leadership. Part one of this course is not a prerequisite. The Science of Flight course acquaints students with the aerospace environment, human requirements of flight, and principles of aircraft flight. Communication, Awareness and Leadership focuses on the understanding of groups and teams, and preparation for leadership. Cadets participate in weekly wellness activities and assessments.

ARMY JROTC (Military Science)

THE COLONY HIGH SCHOOL

79500100 LEADERSHIP EDUCATION TRAINING I (LET-1), 1 credit

Grade: 9-12 (Fall term)

Recommendation: Instructor approval

This course is a social science course that introduces new students to the Army JROTC program, its mission, and its curriculum. The course of study begins with instruction over the spirit of American citizenship, with an emphasis on communication and leadership skills. Students will learn technology, basic first aid skills, drug abuse prevention programs, map reading, American military history and career opportunities. Additionally, Army customs and courtesies, consumer education and budget preparation will be taught. Armed drill procedures and the cadet challenge will be presented. Further hours are dedicated to leadership studies, with an emphasis on study habits, time management, wearing of the uniform, and human relations.

79520500 LEADERSHIP EDUCATION TRAINING II (LET-2), 1 credit

Grade: 10-12 (Fall term)

Recommendation: Leadership Education Training I

Instructor Approval

A social science course designed to acquaint the student with and review communication skills and basic oral presentation techniques. Students will review leadership traits, principles, and styles from LET-1. Students will focus on learning the characteristics of assuming leadership positions, with an emphasis on squad and platoon level positions. Identification and application of the values of leadership, management skills, acceptance of challenge, and life saving and first aid skills will take place. The course is further complemented through studies of the American culture, American military policy, the Korean and Vietnam conflicts, and the freedoms guaranteed by the Bill of Rights.

79521000 LEADERSHIP EDUCATION TRAINING III (LET-3), 1 credit

Grade: 11-12 (Fall term)

Recommendation: Leadership Education Training I & II

Instructor approval

This course is a social science course that consists of civilian and military career planning, goal setting, time management, effective reading skills, and the communication process. Leadership training includes ethical decision making, leadership traits, principles, and styles. The DARE Program will explore the responsibilities that leaders have as role models in the prevention of drug abuse. The course also includes advanced and orienteering map reading, drill and ceremonies, citizenship, and state and local law enforcement agencies as they compare to the military mission of the U.S. Army.

79521500 LEADERSHIP EDUCATION TRAINING IV (LET-4), 1 credit

Grade: 12 (Fall term)

Recommendation: Leadership Education Training I, II, III

Instructor approval

This course is a social science course that continues to build on the objectives and concepts of LET-1, LET-2, and LET-3. The course examines military leadership, while providing the students with leadership positions within JROTC. Cadets are placed in leadership or staff positions that require them to demonstrate their learned skills. Cadets study and research the Uniform Code of Military Justice. Leadership is studied as applied through military history.

79503500 LEADERSHIP DRLL, 1 credit (Local)

Grade: 9-12 (Fall & Spring term)

Recommendation: Instructor approval

This courses is a full year-long indoctrination into military drill and ceremony with Navy, Air Force, Army and Nine Drill Competitions to attend. State and national level competitions are also available if the Team is invited.

79503600 Leadership I. 1 credit (Local)

Grade: 10-12 (Spring term)

Recommendation: Instructor approval

This course is designed to continue the LET-2 courses instead of cadets going into Aerospace Aviation. Military history, leadership traits and principles will be further stressed.

79503700 LEADERSHIP II, 1 credit (Local)

Grade: 11-12 (Spring term)

Recommendation: Instructor Approval

This course is designed to continue the LET-3 course instead of cadets going into Advanced Aerospace Aviation. Emphasis is on compass skills, advanced first aid, and orienteering. Drill and ceremonies will also be taught.

79503800 LEADERSHIP III, 1 credit (Local)

Grade: 11-12 (Spring term)

Recommendation: LET II or III

Instructor approval

This course is designed to complete the LET 1-4 curriculum. The cadets will instruct junior cadets, operate a staff, organize and direct the JROTC Battalion under the supervision of the Army Instructors.

SPECIAL EDUCATION COURSES

Students in Special Education are provided a well-balanced curriculum. Students with special needs are instructed in the Texas Essential Knowledge and Skills in a manner appropriate to their needs. Placement will be determined by an ARD Committee. A continuum of services will be offered in the following local arrangements in all LISD schools.

- Mainstream
- Resource
- Academic Life Skills (ALS)
- Academic /Vocational Life Skill (AVLS)/Functional Life Skills (FLS)
- Behavior Intervention Class (BIC)
- Vocational Adjustment Cooperative (VAC)
- Post Secondary

Students entering high school prior to 2014-2015 will still graduate under the Minimum High School Program (MHSP), the Recommended Program (RHSP) or the Distinguished Achievement Program (DAP). Each of these plans require 26 credits to graduate. Special Education students who receive modified or alternate achievement standards, and participated in STAAR M or STAAR Alt State Mandated Assessment, will graduate under the Minimum High School Program. Students who graduate under the Minimum High School Plan are not eligible for automatic admission into a Texas four-year state university.

Special Education students who do not receive modified or alternate achievement standards, and who pass all of the required STAAR Assessments, are eligible to graduate under the Recommended High School Program or the Distinguished Program.

This group of students (those entering high school prior to 2014-15) are permitted to graduate on the Foundation High School Program as outlined in this guide under LISD Graduation Plan Overview.

For students entering High School during the 2014-2015 school year, students will graduate under the 22 credit Foundation High School Program (FHSP). Students who receive modified curriculum may participate in courses required for specific foundation courses but must pass all required EOCs in order to earn the endorsement. Further guidance from TEA may impact the ability of students in Special Education to earn endorsements.

***Please refer to detailed information on Graduation Plans found elsewhere in this guide

COURSE CODES

- **696XXX14** Course numbers are for courses taught in the general education environment. These courses are for students who have designated special education teacher inclusion time on the Schedule of Services, but do not have modified achievement standards or modified content. Students receive general education credit and will participate in **STAAR**.
- **696XXX00*** Course numbers are for courses in core content classes in which a student has an IEP with modified achievement standards and are taught in the general education classroom which modifies the content or achievement standards. Most students with this course number will participate in **STAAR Accommodated** assessment.
- **696XXX42*** Course numbers are for courses taught in the self-contained BIC classroom for students who require modified achievement standards. Students with this course number will participate in **STAAR Accommodated Assessment.**
- **696XXX04*** Course numbers are for core ELA and Mathematics courses which have modified achievement standards and are typically taught in the Resource room as determined by the ARD committee. Students with this course number will participate in **STAAR Accommodated** Assessment.
- **696XXX27** Course numbers are for courses taught in the self-contained BIC classroom for students who do not require modified achievement standards. Students with this course number will participate in grade level **STAAR and EOC** assessment and receive general education credit.
- **696XXX01*** Course numbers are for courses with modified achievement standards based on enrolled grade level content and are typically taught in the **Academic Life Skills Class (ALS)** as determined by the ARD committee. Students with this course number will participate in **STAAR Accommodated** Assessment.
- **696XXX03*** Course numbers are for courses with alternate achievement standards based on enrolled grade level content and are typically taught in the **AVLS or FLS** classroom as determined by the ARD committee. Students with this course number will participate in **STAAR Alt** Assessment.

69XXX39 - POST SECONDARY

This course number is designed to teach daily living, academic, and domestic skills that are an integral part of working to students in special education who have completed their academic requirements for graduation. Instructional activities take place in the community at work sites and other locations with the goal of helping students acquire the skills to secure and maintain employment after they leave school.

*Students graduating with these courses are not eligible for the RHSP or DAP. These are Level 0 courses for class rank/GPA.

GENERIC COURSE PREFERENCE CARD

	0. 1 . 5
	Students Requiring
69-6020-14	ALG 1
69-6021-14	ALG 1A
69-6022-14	ALG 1A
	_
69-3301-14	ALG 1AB AY
69-3302-14	ALG 1AB Enrich AY
69-6023-14	ALG 2
69-6024-14	GEOM
69-3316-14	GEOM AY
69-3317-14	GEOM ENRICH AY
69-6025-14	MATH MD
69-6030-14	BIOLOGY
69-6031-14	IPC
69-6032-14	CHEM
69-6033-14	AQU SCI
69-6034-14	ASTRON
69-6035-14	ENV SYS
69-6037-14	PHYSICS
69-6001-14	ENG 1
69-6002-14	ENG 2
69-6003-14	ENG 3
69-6004-14	ENG 4
69-6040-14	WD GEO
69-6041-14	WD HIST
69-6042-14	US HIST
69-6043-14	US GOVT*
69-6044-14	ECO*

^{**} May be used multiple times

Core Courses for Inclusion with IEPS		
to Modify CurriculumTaking STAAR-A		
69-6020-00	ALG 1	
69-6021-00	ALG 1A	
69-6022-00	ALG 1B	
69-3301-00	ALG 1AB AY	
69-3302-00	ALG 1AB Enrich AY	
69-6023-00	ALG 2	
69-6024-00	GEOM	
69-3316-00	GEOM AY	
69-3317-00	GEOM ENRICH AY	
69-6025-00	MATH MD	
69-6030-00	BIOLOGY	
69-6031-00	IPC	
69-6032-00	CHEM	
69-6033-00	AQU SCI	
69-6034-00	ASTRON	
69-6035-00	ENV SYS	
69-6037-00	PHYSICS	
69-6001-00	ENG 1	
69-6002-00	ENG 2	
69-6003-00	ENG 3	
69-6004-00	ENG 4	
69-6040-00	WD GEO	
69-6041-00	WD HIST	
69-6042-00	US HIST	
69-6043-00	US GOVT*	
69-6044-00	ECO*	
69-6065-00	HEALTH *	
69-6070-00	PUB SPK	
69-6080-00	COMM APP*	
69-6046-00 69-6047-00	PSYCHOLOGY* SOCIOLOGY*	
07-0047-00	JUGIULUUI	

VOCATIONAL CLASSES		
	69-6680-00	(VAC) OTJ EMP SK**
	69-6686-00	VASC: CAREER OPTIONS

Core Courses for Resource Students Taking STAAR-A		
69-6020-04	ALG 1	
69-6021-04	ALG 1A	
69-6022-04	ALG 1B	
69-3301-04	ALG 1AB AY	
69-3302-04	ALG 1AB Enrich AY	
69-6023-04	ALG 2	
69-6024-04	GEOM	
69-3316-04	GEOM AY	
69-3317-04	GEOM ENRICH AY	
69-6025-04	MATH MD	
69-6001-04	ENG 1	
69-6002-04	ENG 2	
69-6003-04	ENG 3	
69-6004-04	ENG 4	
69-6096-04	BUS INFO MNGT 1	
69-6010-04	READ 1A BA	
69-6011-04	READ 1B BA	

Core Courses for Students in BIC with IEPs to Modify Curriculum		
	69-6021-42	ALG 1
	69-6022-42	ALG 1 AY
	69-6023-42	ALG 2
	69-6024-42	GEOM
	69-6025-42	GEOM AY
	69-6030-42	BIOLOGY
	69-6032-42	CHEM
	69-6037-42	PHYSICS
	69-6001-42	ENG 1
	69-6002-42	ENG 2
	69-6003-42	ENG 3
	69-6040-42	WD GEO
	69-6041-42	WD HIST
	69-6042-42	US HIST

BIC Art		
	69-6199-27	Art I BIC
	69-6299-27	Art II BIC

Core Courses for Students in BIC taking STAAR/STAAR-A and BIC Electives		
69-6020-27	ALG 1	
69-3301-27	ALG 1AB AY	
69-3302-27	ALG 1AB Enrich AY	
69-6023-27	ALG 2	
69-6024-27	GEOM	
69-3316-27	GEOM AY	
69-3317-27	GEOM ENRICH AY	
69-6025-27	MATH MD	
69-6030-27	BIOLOGY	
69-6032-27	CHEM	
69-6031-27	IPC	
69-6033-27	AQUA SCI	
69-6035-27	ENV SYS	
69-6037-27	PHYSICS	
69-6034-27	ASTRONOMY BIC	
69-6001-27	ENG 1	
69-6002-27	ENG 2	
69-6003-27	ENG 3	
69-6004-27	ENG 4	
69-6040-27	WD GEO	
69-6041-27	WD HIST	
69-6042-27	US HIST	
69-6043-27	US GOVT BIC*	
69-6044-27	ECO BIC*	
69-6010-27	READ 1A BIC	
69-6011-27	READ 1B BIC	
69-6065-27	HEALTH BIC*	
69-6070-27	PUB SPK BIC	
69-6078-27	TECHKBDG BIC*	
69-6080-27	COMM AP BIC*	
69-7227-27	LIFETIME NUTRI WELLNESS*	
69-6087-27	BUS INFO MNGT	
69-6090-27	SOCSK 1A BIC SOCSK 1B BIC	
69-6091-27 69-6686-27	EMPLOYABILITY SKILLS BIC	
69-6685-27	VOCATION ADJ SKILLS CLASS BIC	
69-6575-27	WORKPLACE SKILLS BIC	
69-7800-27	ADVERTISING BIC*	
69-2540-27	CREATIVE WRIT BIC	
69-1626-27	BUSINESS LAW BIC*	
	•	

Courses for Students in Life Skills with		
	g CurriculumSTAAR-A	
69-6019-01	ALG 1	
69-3301-01	ALG 1AB AY	
69-3302-01	ALG 1AB Enrich AY	
69-6023-01	ALG 2	
69-6024-01	GEOM	
69-3316-01	GEOM AY	
69-3317-01	GEOM ENRICH AY	
69-6536-01	MON CON	
69-6537-01	MATH MD	
69-6538-01	MATH OTH	
69-6501-01	ENG 1	
69-6502-01	ENG 2	
69-6503-01	ENG 3	
69-6504-01	ENG 4	
69-6030-01	BIOLOGY	
69-6032-01	CHEM	
69-6033-01	AQU SCI ALS	
69-6035-01	ENV SYS ALS	
69-6533-01	IPC ALS	
69-6040-01	WD GEO	
69-6041-01	WD HIST	
69-6042-01	US HIST	
69-6543-01	US GOVT ALS*	
69-6044-01	ECO ALS* HEALTH ALS*	
69-6065-01		
69-6070-01 69-6078-01	PUB SPK ALS TECHKBDG ALS*	
69-6080-01	COMM APS ALS*	
69-6096-01	BUS INFO MNGT 1 ALS	
69-6506-01	WRAPP 1 ALS	
69-6507-01	WRAPP 2 ALS	
69-6570-01	COMRES ALS	
69-6571-01	FOOD PREP	
69-6510-01	READ 1 ALS	
69-6511-01	READ 2 ALS	
69-6512-01	READ 3 ALS	
69-6575-01	WKPSK ALS	
69-6685-01	VOCATION ADJ SKILLS	
69-6686-01	DEVELOP EMP SKILLS 1*	
69-6687-01	DEVELOP EMP SKILLS 2*	
69-6075-01	CAREER CON*	
69-6590-01	SOCSK 1-A ALS	
69-6591-01	SOCSK 1-B ALS	
69-6600-01	SOCSK 2-A ALS	
69-6592-01	SOCSK 2-B ALS	

Courses fo	r Students in Life Skills
Receiving Alt	CurriclumSTAAR ALT 2
69-6019-03	ALG 1
69-6021-03	ALG 1 A
69-6022-03	ALG 1 B
69-6023-03	ALG 2
69-6024-03	GEOM
69-6030-03	BIOLOGY
69-6032-03	CHEM
69-6501-03	ENG 1
69-6502-03	ENG 2
69-6503-03	ENG 3
69-6504-03	ENG 4 AVLS
69-6040-03	WD GEO
69-6041-03	WD HIST
69-6042-03	US HIST
69-6520-03	MATHAP1-A AVLS
69-6521-03	MATHAP1-B AVLS
69-6522-03	MATHAP2-A AVLS
69-6523-03	MATHAP2-B AVLS
69-6536-03	MONCON 1 AVLS
69-6537-03	MONCON 2 AVLS
69-6533-03	IPC AVLS
69-6033-03	AQU SCI AVLS
69-6530-03	SCIEN1 AVLS
69-6531-03	SCIEN2 AVLS
69-6035-03	ENV SYS AVLS
69-6065-03	HEALTH*
69-6510-03	READ 1 AVLS
69-6511-03	READ 2 AVLS
69-6512-03	READ 3 AVLS
69-6513-03	READ4 AVLS
69-6543-03	US GOVT AVLS*
69-6044-03	ECO AVLS*
69-6061-03	PERS FT AVLS*
69-6578-03	PHYSED1-A AVLS
69-6579-03	PHYSED1-B AVLS
69-6580-03 69-6581-03	PHYSED2-A AVLS
	PHYSED2-B AVLS
69-6582-03	PHYSED3-A AVLS
69-6583-03	PHYSED3-B AVLS
69-6584-03	PHYSED4-A AVLS PHYSED4-B AVLS
69-6585-03	
69-6586-03	PHYSEDS-A AVLS
69-6587-03	PHYSED5-B AVLS
69-6574-03 69-6506-03	LES/REC WRAPP 1 AVLS
07-0000-03	WINDLE LWARD

Courses for	Students in Life Skills	
Receiving Alt CurriclumSTAAR ALT 2 (con't)		
69-6507-03	WRAPP 2 AVLS	
69-6685-03	VOCATION ADJ SKILLS	
69-6075-03	CAREER CON*	
69-6575-03	WRKPL SKILLS 1	
69-0022-03	WRKPL SKILLS 2	
69-0032-03	WRKPL SKILLS 3	
69-0042-03	WRKPL SKILLS 4	
69-6570-03	COMRES	
69-6686-03	EMPLOYABILITY SKILLS	
69-6571-03	FOOD PREP	
69-6576-03	TIME MANAGEMENT	
69-6078-03	TECHKBDG*	
69-6099-03	ART 1	
69-6080-03	COMM APPS*	

On-Campus Post-Secondary or FOF		
69-0000-39	COMM EXPLORE 1 AY-PS	
69-0001-39	EMPLOY SK 1 AY-PS	
69-6671-39	LE/REC 1 AY-PS	
69-6560-39	SLFCA 1 AY-PS	
69-0002-39	WRK EXP OTJ AY-PS**	
69-0020-39	COMM EXPLORE 2 AY-PS	
69-0012-39	EMPLOY SK 2 AY-PS	
69-6672-39	LE/REC 2 AY-PS	
69-6562-39	SLFCA 2 AY-PS	
69-0030-39	COMM EXPLORE 3 AY-PS	
69-0013-39	EMPLOY SK 3 AY-PS	
69-6563-39	SLFCA 3 AY-PS	
69-6673-39	LE/REC 3 AY-PS	
69-0040-39	COMM EXPLORE 4 AY-PS	
69-0014-39	EMPLOY SK 4 AY-PS	
69-6674-39	LE/REC 4 AY-PS	
69-6564-39	SLFCA 4 AY-PS	
69-6572-39	WKPSK AY-PS	
69-6573-39	HSLIV AY-PS	
69-6574-39	COMRES AY-PS	
69-6075-39	CAR CON PS (18 wk)	
69-6561-39	SLFCA PS (18 wk)	
69-6571-39	WKPSK PS (18 wk)	
69-6570-39	COMRES PS (18 wk)	
69-1000-39	COMM EXPLORE INTRO PS (18 wk)	
69-1001-39	EMPLOY SK INTRO PS (18 wk)	
69-1002-39	WRK EXP OTJ PS (18 wk)**	
79-0041-00	SENIOR OFF	

^{*9} Week Courses

^{**}May be used multiple times

SPEECH AND DEBATE

Many courses in this cluster may satisfy the BUSINESS & INDUSTRY ENDORSEMENT for the Foundation High School Program. See the FHSP Parent/Student Guide for more information.

89801200 PROFESSIONAL COMMUNICATIONS FOR ARTS, A/V TECHNOLOGY AND COMMUNICATIONS

Grade: 9-12

Recommendation: None

Professional Communications is designed so that the student creates written, oral, and graphic communication using skills learned in the study of audio/video production, graphic design and animation. The student will learn to make presentations used in the media arts industry including advertising campaigns and story pitches. They will also learn techniques for using print, video, and animation to enhance presentations for any future career. Careers in media arts require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research. This course will meet any speech requirement for graduation. Must be taken with Principles of Arts, A/V Technology and Communications (89800100). Offered at Career Center East Only.

79800300 Professional Communications, .5 credit

Grade: 9-12

Recommendation: None

Professional Communications provides experiences that enable students to be competitive in the global economy by using a combination of communication, listening, and critical-thinking and problem-solving skills. Students will create professional presentations using business-related technology applications, web 2.0 tools, and additional technologies as appropriate. This course will meet any speech requirement for graduation.

79800390 PROFESSIONAL COMMUNICATIONS-Online, .5 credit

Grade: 9-12 Recommendation: None

Professional Communications provides experiences that enable students to be competitive in the global economy by using a combination of communication, listening, and critical-thinking and problem-solving skills. Students will create professional presentations using business-related technology applications, web 2.0 tools, and additional technologies as appropriate. Students will maintain a professional portfolio to share with prospective colleges and employers. Instruction and content are delivered primarily over the Internet, and students may have opportunities to meet face-to-face for collaboration, group work and personalized instruction. This course will meet any speech requirement for graduation.

79700500 ORAL INTERPRETATION, .5 credit

Grade: 9-12

Recommendation: None

This course is designed to develop an appreciation for literature as art, and an ability to communicate that art through use of voice and body. Competitive events may be required.

79701000 Public Speaking I, 1 credit

Grade: 9-12

Recommendation: None

This is an introductory course in speaking, including all types of speeches and an introduction to oral interpretation, extemporaneous speaking, debate, and oratory. Tournament participation is optional.

79701500 Public Speaking II, 1 credit

Grade: 10-12

Recommendation: Public Speaking I

This course is for students in speech whose interests lie in developing confidence and style in public speaking. Tournament participation is required.

79702000 Public Speaking III, 1 credit

Grade: 11-12

Recommendation: Public Speaking I & II

This is a course for students in speech whose interests lie in developing confidence and style in public speaking. Tournament participation is required.

79702500 DEBATE I. 1 credit

Grade: 9-12

Recommendation: None

This course is designed to introduce and develop the concept of formalized argument, the skills of persuasion and cross-examination, the power of rhetoric, and the fundamentals of the National Forensic League's Student Congress. The student will learn to prepare affirmative and negative briefs, with evidence, in preparation for eventual participation in varsity level policy or Lincoln-Douglas debate. <u>Participation in individual speaking and debate contests is encouraged</u>.

79703000 Deвате II, 1 credit

Grade: 10-12

Recommendation: Debate I

Teacher approval

This course is for the second-year student in debate. Emphasis is on actual tournament debating, preparation of briefs, and extensive preparation of the appropriate cases and negative evidence for the national debate topic, Texas Forensic Association (TFA), National Forensic League (NFL), and Lincoln-Douglas topics as selected. Participation in individual speaking and debate contests is required.

79703500 DEBATE III, 1 credit

Grade: 11-12

Recommendation: Debate I & II

Teacher approval

This course is for the third-year student in debate. The national political debate topic, Texas Forensic Association (TFA), National Forensic League (NFL), and Lincoln-Douglas topics as selected are the basis for debate experience. Participation in individual speaking and debate contests is required; regional and state Mock Trial Competition is optional.

79704000 INDEPENDENT STUDY SPEECH, 1 credit

Grade: 12

Recommendation: Teacher approval

This course allows students to develop and participate in an individualized plan to enhance speech communication skills by applying public speaking, oral interpretation, or debate skills to public performances. Presentation outlets may be academic-, community-, or competition-based with teacher approval. External performance is required. May be repeated for credit.

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APPENDIX

ACRONYMS AND ABBREVIATIONS (AAA)

AP Advanced Placement AV Audio Visual CBE Credit By Exam CCE Career Center East CTE Career and Technical Education DAP Distinguished Achievement Program DJCC Dale Jackson Career Center ELL English Language Learners EOC End of Course ESL English as a Second Language FHSP Foundation High School Program Distinguished Level of Achievement GPA Foundation High School Program Distinguished Level of Achievement GPA Grade Point Average GT Gifted and Talented IPC Integrated Physics and Chemistry J.V. Junior Varsity LLC Lewisville Learning Center LOTE Languages Other Than English MHSP Minimum High School Program MTA Multisensory Teaching Approach NHS Night High School PreAP Pre-Advanced Placement PSAT Preliminary SAT RHSP Recommended High School Program RIC Rank in Class SAT Formerly Scholastic Aptitude Test; Now SAT Reasoning STAAR State of Texas Assessment of Academics Readiness End of Course-Modified TAKS-M TAKS-Modified TEA Texas Education Agency TXVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy Special Education ARD Admission, Review, Dismissal	ACDEC	Academic Decathlon
CBE Credit By Exam CCE Career Center East CTE Career and Technical Education DAP Distinguished Achievement Program DICC Dale Jackson Career Center ELL English Language Learners EOC End of Course ESL English as a Second Language FHSP Foundation High School Program FHSP-DLA Foundation High School Program Distinguished Level of Achievement GPA Grade Point Average GT Gifted and Talented IPC Integrated Physics and Chemistry J.V. Junior Varsity LLC Lewisville Learning Center LOTE Languages Other Than English MHSP Minimum High School Program MTA Multisensory Teaching Approach NHS Night High School PreAP Pre-Advanced Placement PSAT Preliminary SAT RHSP Recommended High School Program RIC Rank in Class SAT Formerly Scholastic Aptitude Test; Now SAT Reasoning STAAR State of Texas Assessment of Academics Readiness End of Course-Alternate STAAR EOC-M State of Texas Assessment of Academics Readiness End of Course-Modified TEA Texas Education Agency TXYSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	AP	Advanced Placement
CCE Career Center East CTE Career and Technical Education DAP Distinguished Achievement Program DICC Dale Jackson Career Center ELL English Language Learners EOC End of Course ESL English as a Second Language FHSP Foundation High School Program FHSP-DLA Foundation High School Program Distinguished Level of Achievement GPA Grade Point Average GT Gifted and Talented IPC Integrated Physics and Chemistry J.V. Junior Varsity LLC Lewisville Learning Center LOTE Languages Other Than English MHSP Minimum High School Program MTA Multisensory Teaching Approach NHS Night High School PreAP Pre-Advanced Placement PSAT Preliminary SAT RHSP Recommended High School Program RIC Rank in Class SAT Formerly Scholastic Aptitude Test; Now SAT Reasoning STAAR State of Texas Assessment of Academics Readiness End of Course-Alternate STAAR EOC-A State of Texas Assessment of Academics Readiness End of Course-Modified TEA Texas Education Agency TXVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	AV	Audio Visual
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FHSP-DLA Grade Point Average GT Gifted and Talented IPC Integrated Physics and Chemistry J.V. Junior Varsity LLC Lewisville Learning Center LOTE Languages Other Than English MHSP Minimum High School Program MTA Multisensory Teaching Approach NHS Night High School PreAP Pre-Advanced Placement PSAT RHSP Recommended High School Program RIC Rank in Class SAT Formerly Scholastic Aptitude Test; Now SAT Reasoning STAAR State of Texas Assessment of Academics Readiness End of Course-Alternate STAAR EOC-A State of Texas Assessment of Academics Readiness End of Course-Modified TEA Texas Education Agency TXVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	ESL	English as a Second Language
GPA Grade Point Average GT Gifted and Talented IPC Integrated Physics and Chemistry J.V. Junior Varsity LLC Lewisville Learning Center LOTE Languages Other Than English MHSP Minimum High School Program MTA Multisensory Teaching Approach NHS Night High School PreAP Pre-Advanced Placement PSAT Preliminary SAT RHSP Recommended High School Program RIC Rank in Class SAT Formerly Scholastic Aptitude Test; Now SAT Reasoning STAAR State of Texas Assessment of Academics Readiness STAAR EOC-A State of Texas Assessment of Academics Readiness End of Course-Alternate STAAR EOC-M State of Texas Assessment of Academics Readiness End of Course-Modified TAKS-M TAKS-Modified TEA Texas Education Agency TxVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	FHSP	Foundation High School Program
GT Gifted and Talented IPC Integrated Physics and Chemistry J.V. Junior Varsity LLC Lewisville Learning Center LOTE Languages Other Than English MHSP Minimum High School Program MTA Multisensory Teaching Approach NHS Night High School PreAP Pre-Advanced Placement PSAT Preliminary SAT RHSP Recommended High School Program RIC Rank in Class SAT Formerly Scholastic Aptitude Test; Now SAT Reasoning STAAR State of Texas Assessment of Academic Readiness STAAR EOC-A State of Texas Assessment of Academics Readiness End of Course-Alternate STAAR EOC-M State of Texas Assessment of Academics Readiness End of Course-Modified TAKS-M TAKS-Modified TEA Texas Education Agency TxVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	FHSP-DLA	Foundation High School Program Distinguished Level of Achievement
IPC Integrated Physics and Chemistry J.V. Junior Varsity LLC Lewisville Learning Center LOTE Languages Other Than English MHSP Minimum High School Program MTA Multisensory Teaching Approach NHS Night High School PreAP Pre-Advanced Placement PSAT Preliminary SAT RHSP Recommended High School Program RIC Rank in Class SAT Formerly Scholastic Aptitude Test; Now SAT Reasoning STAAR State of Texas Assessment of Academics Readiness STAAR EOC-A State of Texas Assessment of Academics Readiness End of Course-Alternate STAAR EOC-M State of Texas Assessment of Academics Readiness End of Course-Modified TAKS-M TAKS-Modified TEA Texas Education Agency TxVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	GPA	Grade Point Average
J.V. Junior Varsity LLC Lewisville Learning Center LOTE Languages Other Than English MHSP Minimum High School Program MTA Multisensory Teaching Approach NHS Night High School PreAP Pre-Advanced Placement PSAT Preliminary SAT RHSP Recommended High School Program RIC Rank in Class SAT Formerly Scholastic Aptitude Test; Now SAT Reasoning STAAR State of Texas Assessment of Academic Readiness STAAR EOC-A State of Texas Assessment of Academics Readiness End of Course-Alternate STAAR EOC-M State of Texas Assessment of Academics Readiness End of Course-Modified TAKS-M TAKS-Modified TEA Texas Education Agency TxVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	GT	Gifted and Talented
LLC Lewisville Learning Center LOTE Languages Other Than English MHSP Minimum High School Program MTA Multisensory Teaching Approach NHS Night High School PreAP Pre-Advanced Placement PSAT Preliminary SAT RHSP Recommended High School Program RIC Rank in Class SAT Formerly Scholastic Aptitude Test; Now SAT Reasoning STAAR State of Texas Assessment of Academic Readiness STAAR EOC-A State of Texas Assessment of Academics Readiness End of Course-Alternate STAAR EOC-M State of Texas Assessment of Academics Readiness End of Course-Modified TAKS-M TAKS-Modified TEA Texas Education Agency TxVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	IPC	Integrated Physics and Chemistry
LOTE Languages Other Than English MHSP Minimum High School Program MTA Multisensory Teaching Approach NHS Night High School PreAP Pre-Advanced Placement PSAT Preliminary SAT RHSP Recommended High School Program RIC Rank in Class SAT Formerly Scholastic Aptitude Test; Now SAT Reasoning STAAR State of Texas Assessment of Academic Readiness STAAR EOC-A State of Texas Assessment of Academics Readiness End of Course-Alternate STAAR EOC-M State of Texas Assessment of Academics Readiness End of Course-Modified TAKS-M TAKS-Modified TEA Texas Education Agency TxVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	J.V.	Junior Varsity
MHSP Minimum High School Program MTA Multisensory Teaching Approach NHS Night High School PreAP Pre-Advanced Placement PSAT Preliminary SAT RHSP Recommended High School Program RIC Rank in Class SAT Formerly Scholastic Aptitude Test; Now SAT Reasoning STAAR State of Texas Assessment of Academic Readiness STAAR EOC-A State of Texas Assessment of Academics Readiness End of Course-Alternate STAAR EOC-M State of Texas Assessment of Academics Readiness End of Course-Modified TAKS-M TAKS-Modified TEA Texas Education Agency TxVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	LLC	Lewisville Learning Center
MTA Multisensory Teaching Approach NHS Night High School PreAP Pre-Advanced Placement PSAT Preliminary SAT RHSP Recommended High School Program RIC Rank in Class SAT Formerly Scholastic Aptitude Test; Now SAT Reasoning STAAR State of Texas Assessment of Academic Readiness STAAR EOC-A State of Texas Assessment of Academics Readiness End of Course-Alternate STAAR EOC-M State of Texas Assessment of Academics Readiness End of Course-Modified TAKS-M TAKS-Modified TEA Texas Education Agency TxVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	LOTE	Languages Other Than English
NHS Night High School PreAP Pre-Advanced Placement PSAT Preliminary SAT RHSP Recommended High School Program RIC Rank in Class SAT Formerly Scholastic Aptitude Test; Now SAT Reasoning STAAR State of Texas Assessment of Academic Readiness STAAR EOC-A State of Texas Assessment of Academics Readiness End of Course-Alternate STAAR EOC-M State of Texas Assessment of Academics Readiness End of Course-Modified TAKS-M TAKS-Modified TEA Texas Education Agency TxVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	MHSP	Minimum High School Program
PreAP Pre-Advanced Placement PSAT Preliminary SAT RHSP Recommended High School Program RIC Rank in Class SAT Formerly Scholastic Aptitude Test; Now SAT Reasoning STAAR State of Texas Assessment of Academic Readiness STAAR EOC-A State of Texas Assessment of Academics Readiness End of Course-Alternate STAAR EOC-M State of Texas Assessment of Academics Readiness End of Course-Modified TAKS-M TAKS-Modified TEA Texas Education Agency TxVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	MTA	Multisensory Teaching Approach
PSAT Preliminary SAT RHSP Recommended High School Program RIC Rank in Class SAT Formerly Scholastic Aptitude Test; Now SAT Reasoning STAAR State of Texas Assessment of Academic Readiness STAAR EOC-A State of Texas Assessment of Academics Readiness End of Course-Alternate STAAR EOC-M State of Texas Assessment of Academics Readiness End of Course-Modified TAKS-M TAKS-Modified TEA Texas Education Agency TxVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	NHS	Night High School
RHSP Recommended High School Program RIC Rank in Class SAT Formerly Scholastic Aptitude Test; Now SAT Reasoning STAAR State of Texas Assessment of Academic Readiness STAAR EOC-A State of Texas Assessment of Academics Readiness End of Course-Alternate STAAR EOC-M State of Texas Assessment of Academics Readiness End of Course-Modified TAKS-M TAKS-Modified TEA Texas Education Agency TxVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	PreAP	Pre-Advanced Placement
RIC Rank in Class SAT Formerly Scholastic Aptitude Test; Now SAT Reasoning STAAR State of Texas Assessment of Academic Readiness STAAR EOC-A State of Texas Assessment of Academics Readiness End of Course-Alternate STAAR EOC-M State of Texas Assessment of Academics Readiness End of Course-Modified TAKS-M TAKS-Modified TEA Texas Education Agency TxVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	PSAT	Preliminary SAT
SAT Formerly Scholastic Aptitude Test; Now SAT Reasoning STAAR State of Texas Assessment of Academic Readiness STAAR EOC-A State of Texas Assessment of Academics Readiness End of Course-Alternate STAAR EOC-M State of Texas Assessment of Academics Readiness End of Course-Modified TAKS-M TAKS-Modified TEA Texas Education Agency TxVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	RHSP	Recommended High School Program
STAAR State of Texas Assessment of Academic Readiness STAAR EOC-A State of Texas Assessment of Academics Readiness End of Course-Alternate STAAR EOC-M State of Texas Assessment of Academics Readiness End of Course-Modified TAKS-M TAKS-Modified TEA Texas Education Agency TxVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	RIC	Rank in Class
STAAR EOC-A State of Texas Assessment of Academics Readiness End of Course-Alternate STAAR EOC-M State of Texas Assessment of Academics Readiness End of Course-Modified TAKS-M TAKS-Modified TEA Texas Education Agency TxVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	SAT	Formerly Scholastic Aptitude Test; Now SAT Reasoning
STAAR EOC-M State of Texas Assessment of Academics Readiness End of Course-Modified TAKS-M TAKS-Modified TEA Texas Education Agency TxVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	STAAR	State of Texas Assessment of Academic Readiness
TAKS-M TAKS-Modified TEA Texas Education Agency TxVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	STAAR EOC-A	State of Texas Assessment of Academics Readiness End of Course-Alternate
TEA Texas Education Agency TxVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	STAAR EOC-M	State of Texas Assessment of Academics Readiness End of Course-Modified
TxVSN Texas Virtual School Network UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	TAKS-M	TAKS-Modified
UIL University Interscholastic League VLA Virtual Learning Academy SpEd Special Education	TEA	Texas Education Agency
VLA Virtual Learning Academy SpEd Special Education	TxVSN	Texas Virtual School Network
SpEd Special Education	UIL	University Interscholastic League
	VLA	Virtual Learning Academy
ARD Admission, Review, Dismissal	SpEd	Special Education
	ARD	Admission, Review, Dismissal

GRADUATION PLAN COMPARISON SIDE-BY-SIDE

DISCIPLINE	LISD MHSP	RHSP	DAP	FOUNDATION HSP
English Language Arts	Four credits:	Four credits:	Four credits:	Four credits:
Mathematics	Three credits:	Four credits: • Algebra I • Algebra II • Geometry • An additional math credit	Four credits: • Algebra I • Algebra II • Geometry • An additional math credit	Three credits:
Science	Three credits: Biology IPC or Chemistry and Physics (one of the two serves as an academic elective) Third Science	Four credits: Biology Chemistry Physics An additional science credit	Four credits: Biology Chemistry Physics An additional science credit	Three credits:
Social Studies	Four credits: World History Studies (1 credit) World Geography Studies (1 credit) U.S. History Studies (1 credit) U.S. Government (.5 credit) Economics (.5 credit)	Four credits: • World History Studies (1 credit) • World Geography Studies (1 credit) • U.S. History Studies (1 credit) • U.S. Government (.5 credit) • Economics (.5 credit)	Four credits: World History Studies (1 credit) World Geography Studies (1 credit) U.S. History Studies Since 1877 1 credit) U.S. Government (.5 credit) Economics (.5 credit)	Three credits World History or World Geography (1 credit) U.S. History Studies (1 credit) U.S. Government (.5 credit) Economics (.5 credit)
Physical Education	One credit:	One credit:	One credit	One credit
Languages Other Than English (World Languages)	None	Two credits in the same language	Three credits in the same language	Two credits in the same language Computer programming languages (other exceptions)
Fine Arts	One credit	One credit	One credit	One credit
Speech	One-half credit from either of the following: Communication Applications Professional Communications (CTE)	One-half credit from either:	One-half credit from either:	None
Electives	Nine and one half credits (one must be an academic elective); Four may be local	Five and one-half credits	Four and one-half credits	Five credits
Total Credits	26	26	26	22
Endorsements				A student may earn an endorsement by successfully completing: curriculum requirements for endorsement four credits in mathematics four credits in science two additional elective credits

FOUR YEAR PLAN SAMPLES

DISTINGUISHED ACHIEVEMENT PROGRAM

NOTES	GRADE		LL VID	SPRING				
NOTES	GR/	1 ST QTR	2 ND QTR	1 ST QTR	2 ND QTR			
REQUIRED		English 1	English 1	Algebra 1	Algebra 1			
COURSES FOR DAP:	9тн	W. Geography	W Geography	Biology PreAP	Biology PreAP			
☐ English 1 (1) ☐ English 2 (1)	်ဝ	Elective	Elective	Art 1	Art 1			
☐ English 3 (1) ☐ English 4 (1)		Athletics/Band	Athletics/Band	Athletics/Band	Athletics/Band			
Algebra 1 (1) Geometry (1)		English 2	English 2	Geometry	Geometry			
Algebra 2 (1) Other Math (1)	10 TH	W. History AP	W. History AP	Chemistry	Chemistry			
Biology (1)	10	Latin 1	Latin 1	Latin 2	Latin 2			
Chemistry (1) Physics (1) Other Science (1)		Athletics/Band	Athletics/Band	Athletics/Band	Athletics/Band			
☐ W. Geography (1)	는 문	English 3AP	English 3AP	Algebra 2	Algebra 2			
☐ W. History (1) ☐ U.S. History (1)		US History AP	US History AP	US History AP (Early US History)	Comm App			
Govt (.5)	7	Latin 3	Latin 3	Physics	Physics			
☐ LOTE 1 (1) ☐ LOTE 2 (1)		Athletics/Band	Athletics/Band	Athletics/Band	Athletics/Band			
LOTE 3 (1)		English IVAP	English IVAP	PreCalculus	PreCalculus			
Speech (.5) Fine Art (1)	Į	Govt	Eco	Elective	Elective			
☐ PE (1)	12 ^{TF}	Chem AP	Chem AP	Chem AP	AP Test Prep Chemistry			
☐ Electives (4.5)		Athletics/Band	Athletics/Band	Athletics/Band	Athletics/Band			
	NOTES: A 3 rd credit of Languages Other than English is required for the DAP. See Graduation Requirements on Pages 11 - 13 for additional information.							

FOUR YEAR PLAN SAMPLE

RECOMMENDED HIGH SCHOOL PROGRAM

NOTES	GRADE		\LL		RING
NOTES	GR/	1 ST QTR	2 ND QTR	1 ST QTR	2 ND QTR
REQUIRED COURSES FOR		English 1	English 1	Algebra 1	Algebra 1
RHSP:	I	W. Geography	W. Geography	Biology	Biology
☐ English 1 (1) ☐ English 2 (1) ☐ English 3 (1)	914	Open Elective	Open Elective	Art 1	Art 1
English 4 (1) Algebra 1 (1)		Band, Choir, Theatre	Band, Choir, Theatre	Band, Choir, Theatre (Or Open Elective)	Band, Choir, Theatre (Or Open Elective)
Geometry (1) Algebra 2 (1)		English 2	English 2	Geometry	Geometry
Other Math (1)	Ξ	W. History	W. History	Chemistry	Chemistry
☐ Biology (1) ☐ Chemistry (1) ☐ Physics (1)	10 TH	Spanish 1	Spanish 2	Spanish II	Spanish II
Other Science (1)		Band, Choir, Theatre	Band, Choir, Theatre	Band, Choir, Theatre (Or Open Elective)	Band, Choir, Theatre (Or Open Elective)
W. Geography (1)W. History (1)U.S. History (1)		English 3	English 3	Astronomy	Astronomy
Govt (.5) Eco (.5)		US History	US History	Algebra 2	Algebra 2
☐ LOTE 1 (1)	7	Physics	Physics	Elective	Speech
☐ LOTE 2 (1)) ☐ Speech (.5)		Band, Choir, Theatre	Band, Choir, Theatre	Band, Choir, Theatre (Or Open Elective)	Band, Choir, Theatre (Or Open Elective)
☐ Fine Art (1)		English 4	English 4	Earth & Space Science	Earth & Space Science
☐ PE (1)	H	Govt	Eco	Precalculus	Precalculus
☐ Electives (5.5)	12	Band, Choir, Theatre	Band, Choir, Theatre	Band, Choir, Theatre (Or Open Elective)	Band, Choir, Theatre (Or Open Elective)
		Senior Out	Senior Out	Senior Out	Senior Out

Arts & Humanities Endorsement - Non-CTE Pathway

NOTES	GRADE		\LL	SPR	
NOTES	GRA	1 ST QTR	2 ND QTR	1 ST QTR	2 ND QTR
Required Courses for Foundation Plan w/Arts		English 1	English 1	Algebra 1	Algebra 1
& Humanities Non-CTE Endorsement:	王	W. Geography or W. History	W. Geography or W. History	Biology	Biology
☐ English 1 (1) ☐ English 2 (1)	်တ	Physical Education or Substitute	Physical Education or Substitute	Fine Art	Fine Art
English 3 (1) English 4 or Advanced Eng (1)		Endorsement	Endorsement	Elective	Elective
Algebra 1 (1) Geometry (1)		English 2	English 2	Geometry	Geometry
☐ 3 rd Math (1) ☐ Other Math (1) or Other	H_0I	Elective	Elective	IPC, Chem, or Physics	IPC, Chem, or Physics
Academic Biology (1)	10	LOTE 1 OR Computer Prog Lang or Exception	LOTE 1 OR Computer Prog Lang or Exception	LOTE 2 OR Computer Prog Lang or Exception	LOTE 2 OR Computer Prog Lang or Exception
☐ IPC, Chem, or Phy (1) ☐ 3rd Sci (1) ☐ Other Science (1)		Endorsement	Endorsement	Elective	Elective
		English 3	English 3	3 rd Science	3 rd Science
☐ U.S. History (1) ☐ Govt (.5)	王	US History	US History	3 rd Math	3 rd Math
☐ Eco (.5) ☐ LOTE 1 (1) (Except)	1	Open Elective	Open Elective	Open Elective	Open Elective
☐ LOTE 2 (1) (Except) ☐ Fine Art (1)		Endorsement	Endorsement	Open Elective	Open Elective
☐ PE (1)		English 4 OR Adv Eng	English 4 OR Adv Eng	Other (4 th) Science	Other (4 th) Science
☐ Endorsement (4)	王	Govt	Eco	4 th Math or Other Academic	4 th Math or Other Academic
☐ Electives (3)	12	Endorsement	Endorsement	Open Elective	Open Elective
26 State Credits Required		Open Elective	Open Elective	Open Elective	Open Elective

- Highlighted "Endorsement" courses may be taken in any semester/year appropriate for the course
- Courses may be selected from one of the following:
 - 4 credits of social studies and/or economics;
 - 4 credits of the same LOTE;
 - 3. Coherent sequence of 4 credits in Fine Arts
- American Sign Lang I-IV;
 - 2 credits of one LOTE AND 2 credits of a different LOTE;
- Student may substitute other Eng, Social Studies, LOTE, or Fine Arts for 4th Math, w/parent approval
 See list of appropriate courses for 3rd Science, Other Science, 3rd Math, and 4th Math
- See list of appropriate courses for Advanced English
- "Electives" are required for the 26 state credit total
- "Open Electives" are opportunities for students to take courses over and above state requirements or potentially to graduate early

Business & Industry - CTE Pathway

NOTES			\LL		RING
NOTES	GRADE	1 ST QTR	2 ND QTR	1 ST QTR	2 ND QTR
Required Courses for Foundation Plan		English 1	English 1	Algebra 1	Algebra 1
w/Business & Industry CTE Endorsement	王	W. Geography or W. History	W. Geography or W. History	Biology	Biology
☐ English 1 (1) ☐ English 2 (1)	်ဝ	Physical Education or Substitute	Physical Education or Substitute	Fine Art	Fine Art
English 3 (1) English 4 or Adv Eng (1)		Endorsement	Endorsement	Elective	Elective
☐ Algebra 1 (1)☐ Geometry (1)		English 2	English 2	Geometry	Geometry
3 rd Math (1) 4 th Math (1)	王 드	Elective	Elective	IPC, Chem, or Physics	IPC, Chem, or Physics
☐ Biology (1) ☐ IPC, Chemistry, or Physics	10	LOTE 1 OR Computer Prog Lang or Exception	LOTE 1 OR Computer Prog Lang or Exception	LOTE 2 OR Computer Prog Lang or Exception	LOTE 2 OR Computer Prog Lang or Exception
(1) 3rd Sci (1) Other Science (1)		Endorsement	Endorsement	Elective	Elective
☐ W. Geography OR W.		English 3	English 3	3 rd Science	3 rd Science
History (1) U.S. History (1) Govt (.5)	Ĕ	US History	US History	3 rd Math	3 rd Math
Gov (.5)	7	Open Elective	Open Elective	Open Elective	Open Elective
☐ LOTE 1 (1) (Except) ☐ LOTE 2 (1) (Except)		Endorsement	Endorsement	Open Elective	Open Elective
☐ Fine Art (1)		English 4 OR Adv Eng	English 4 OR Adv Eng	Other (4 th) Science	Other (4 th) Science
☐ PE (1)	H.	Govt	Eco	4 th Math	4 th Math
☐ Endorsement (4) ☐ Electives (3)	12	Endorsement	Endorsement	Open Elective	Open Elective
26 State Credits Required		Senior Out	Senior Out	Senior Out	Senior Out

- Highlighted "Endorsement" courses may be taken in any semester/year appropriate for the course
- Courses must include coherent sequence of: at least two courses from the same cluster, one advanced CTE course, and one course from Business & Industry cluster.

 • See list of appropriate courses for 3rd Science, Other Science, 3rd Math, and 4th Math
- See list of appropriate courses for Advanced English
- "Electives" are required for the 26 state credit total
- "Open Electives" are opportunities for students to take courses over and above state requirements or potentially to graduate early. May include local or state credit courses.

Business & Industry -Non-CTE Pathway

NOTES	GRADE		\LL		RING
NOTES	GR/	1 ST QTR	2 ND QTR	1 ST QTR	2 ND QTR
Required Courses for Foundation Plan w/Business & Industry Endorsement: Non-		English 1	English 1	Algebra 1	Algebra 1
CTE Pathway:	Į	W. Geography or W. History	W. Geography or W. History	Biology	Biology
☐ English 1 (1) ☐ English 2 (1) ☐ English 3 (1)	9 TH	Physical Education or Substitute	Physical Education or Substitute	Fine Art	Fine Art
English 4 or Advanced Eng (1)		Endorsement	Endorsement	Elective	Elective
Algebra 1 (1) Geometry (1)		English 2	English 2	Geometry	Geometry
3 rd Math (1) 4 th Math (1)	H_	Elective	Elective	IPC, Chem, or Physics	IPC, Chem, or Physics
☐ Biology (1) ☐ IPC or Other (1) ☐ 3rd Sci (1)	10	LOTE 1 OR Computer Prog Lang or Exception	LOTE 1 OR Computer Prog Lang or Exception	LOTE 2 OR Computer Prog Lang or Exception	LOTE 2 OR Computer Prog Lang or Exception
Other Science (1)		Endorsement	Endorsement	Elective	Elective
 W. Geography OR W. History (1) U.S. History (1)		English 3	English 3	3 rd Science	3 rd Science
Govt (.5)	1 H	US History	US History	3 rd Math	3 rd Math
LOTE 1 (1) (Except) LOTE 2 (1) (Except)	7	Open Elective	Open Elective	Open Elective	Open Elective
Fine Art (1)		Endorsement	Endorsement	Open Elective	Open Elective
☐ PE (1)		English 4 OR Adv Eng	English 4 OR Adv Eng	Other (4 th) Science	Other (4 th) Science
☐ Endorsement (4)	12 TH	Govt	Eco	4 th Math	4 th Math
☐ Electives (3)	12	Endorsement	Endorsement	Open Elective	Open Elective
26 State Credits Required		Senior Out	Senior Out	Senior Out	Senior Out

- Highlighted "Endorsement" courses may be taken in any semester/year appropriate for the course
- Courses may be selected from Advanced Broadcast Journalism, Debate, Newspaper, and Public Speaking and must include at least three levels in ONE of the areas listed.
- See list of appropriate courses for 3rd Science, Other Science, 3rd Math, and 4th Math
- See list of appropriate courses for Advanced English
- "Electives" are required for the 26 state credit total
- "Open Electives" are opportunities for students to take courses over and above state requirements or potentially to graduate early. May include local or state credit courses.

Multidisciplinary Endorsement -CTE Pathway

NOTES			LL		SPRING	
NOTES	GRADE	1 ST QTR	2 ND QTR	1 ST QTR	2 ND QTR	
Required Courses for Foundation Plan w/Multidisciplinary CTE		English 1	English 1	Algebra 1	Algebra 1	
Endorsement: English 1 (1)	E .	W. Geography or W. History	W. Geography or W. History	Biology	Biology	
English 2 (1) English 3 (1) English 4 (1) or Adv Eng	ြ	Physical Education or Substitute	Physical Education or Substitute	Fine Art	Fine Art	
☐ Algebra 1 (1)		Endorsement	Endorsement	Elective	Elective	
Geometry (1) 3 rd Math (1) 4 th Math (1)		English 2	English 2	Geometry	Geometry	
☐ 4 Matri (1)	0ТН	Elective	Elective	IPC, Chem, or Physics	IPC, Chem, or Physics	
☐ IPC, Chem, or Physics (1) ☐ 3rd Science (1) ☐ 4 th Science (1)	10	LOTE 1 OR Computer Prog Lang or Exception	LOTE 1 OR Computer Prog Lang or Exception	LOTE 2 OR Computer Prog Lang or Exception	LOTE 2 OR Computer Prog Lang or Exception	
☐ W. Geography (1)		Endorsement	Endorsement	Elective	Elective	
OR W. History (1) U.S. History (1)		English 3	English 3	3 rd Science	3 rd Science	
Govt (.5) Eco (.5)	프	US History	US History	3 rd Math	3 rd Math	
☐ LOTE 1 (1) (Except) ☐ LOTE 2 (1) (Except)	1	Open Elective	Open Elective	Open Elective	Open Elective	
☐ Fine Art (1)		Endorsement	Endorsement	Open Elective	Open Elective	
☐ PE (1)		English 4 OR Adv Eng	English 4 OR Adv Eng	Other (4 th) Science	Other (4 th) Science	
Endorsement (4)	Į.	Govt	Eco	4 th Math	4 th Math	
☐ Electives (3) 26 State Credits Required	12	Endorsement	Endorsement	Open Elective	Open Elective	
,		Open Elective	Open Elective	Open Elective	Open Elective	

- Highlighted "Endorsement" courses may be taken in any year appropriate.
- Endorsement course must include four ADVANCED course credits that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement area or among other endorsement areas that are not in a coherent sequence
 • See list of appropriate courses for 3rd Science, Other Science, 3rd Math, and 4th Math
- See list of appropriate courses for Advanced English
- "Electives" are required for the 26 state credit total
- "Open Electives" are opportunities for students to take courses over and above state requirements or potentially to graduate early. May include local or state credit courses.

Multidisciplinary Endorsement - Non-CTE Pathway

NOTES			FALL		SPRING	
NOTES	GRADE	1 ST QTR	2 ND QTR	1 ST QTR	2 ND QTR	
Required Courses for Foundation Plan		English 1	English 1	Algebra 1	Algebra 1	
w/Multidisciplinary Non-CTE Endorsement	王	W. Geography or W. History	W. Geography or W. History	Biology	Biology	
☐ English 1 (1) ☐ English 2 (1) ☐ English 3 (1)	ြ	Physical Education or Substitute	Physical Education or Substitute	Fine Art	Fine Art	
English 4 (1) or Adv Eng		Endorsement	Endorsement	Elective	Elective	
☐ Algebra 1 (1)☐ Geometry (1)☐ 3 rd Math (1)		English 2	English 2	Geometry	Geometry	
4 th Math (1)	표 드	Elective	Elective	IPC, Chem, or Physics	IPC, Chem, or Physics	
☐ Biology (1) ☐ IPC, Chemistry, or Physics (1) ☐ Chem/Phy or 3rd Sci (1) ☐ Other Science (1)	10	LOTE 1 OR Computer Prog Lang or Exception	LOTE 1 OR Computer Prog Lang or Exception	LOTE 2 OR Computer Prog Lang or Exception	LOTE 2 OR Computer Prog Lang or Exception	
☐ W. Geography (1)		Endorsement	Endorsement	Elective	Elective	
OR W. History (1) U.S. History (1) Govt (.5) Eco (.5)		English 3	English 3	Chemistry, Physics or 3 rd Science	Chemistry, Physics or 3 rd Science	
☐ LOTE 1 (1) (Except)	1 TH	US History	US History	3 rd Math	3 rd Math	
LOTE 2 (1) (Except) Fine Art (1)	_	Open Elective	Open Elective	Open Elective	Open Elective	
☐ PE (1)		Endorsement	Endorsement	Open Elective	Open Elective	
☐ Endorsement (4)		English 4 or Adv Eng	English 4 or Adv Eng	Other (4 th) Science	Other (4 th) Science	
☐ Electives (3)	Ξ	Govt	Eco	4 th Math	4 th Math	
26 State Credits Required	12	Endorsement	Endorsement	Open Elective	Open Elective	
		Open Elective	Open Elective	Open Elective	Open Elective	

- Highlighted "Endorsement" courses may be taken in any year appropriate.
- Must take English IV AND either Chemistry or Physics for SOME pathway options
- Endorsement options include:

 - 4 credits in each foundation area. English IV and Chemistry or Physics required; OR
 Four AP credits courses to include one in each foundation area (English, Math, Science, Social Studies)
 See list of approved courses for 3rd Science, 4th Science, 3rd Math, and 4th Math
- "Electives" are required for the 26 state credit total
- "Open Electives" are opportunities for students to take courses over and above state requirements, earn multiple endorsements, or potentially to graduate early. May include local or state credit courses.

Public Services Endorsement - CTE Pathway

NOTES	GRADE		\LL	SPR	_
NOTES	GR/	1 ST QTR	2 ND QTR	1 ST QTR	2 ND QTR
Required Courses for Foundation Plan		English 1	English 1	Algebra 1	Algebra 1
w/Public Services CTE Endorsement:	9тн	W. Geography or W. History	W. Geography or W. History	Biology	Biology
☐ English 1 (1) ☐ English 2 (1) ☐ English 3 (1)	်တ	Physical Education or Substitute	Physical Education or Substitute	Fine Art	Fine Art
English 4 (1) or Adv		Endorsement	Endorsement	Elective	Elective
Algebra 1 (1) Geometry (1)		English 2	English 2	Geometry	Geometry
3 rd Math (1) 4 th Math (1)	10 TH	Elective	Elective	IPC, Chem, or Physics	IPC, Chem, or Physics
☐ Biology (1) ☐ IPC, Chemistry, or Physics (1)	10	LOTE 1 OR Computer Prog Lang or Exception	LOTE 1 OR Computer Prog Lang or Exception	LOTE 2 OR Computer Prog Lang or Exception	LOTE 2 OR Computer Prog Lang or Exception
☐ 3rd Sci (1)☐ Other Science (1)		Endorsement	Endorsement	Elective	Elective
☐ W. Geography (1) OR W. History (1)		English 3	English 3	3 rd Science	3 rd Science
U.S. History (1) Govt (.5) Eco (.5)	王	US History	US History	3 rd Math	3 rd Math
LOTE 1 (1) (Except) LOTE 2 (1) (Except)	7	Open Elective	Open Elective	Open Elective	Open Elective
☐ Fine Art (1)		Endorsement	Endorsement	Open Elective	Open Elective
☐ PE (1)		English 4 OR Adv Eng	English 4 OR Adv Eng	Other (4 th) Science	Other Science
☐ Endorsement (4)	12 TH	Govt	Eco	4 th Math	4 th Math
☐ Electives (3.0) 26 State Required	12	Endorsement	Endorsement	Open Elective	Open Elective
·		Open Elective	Open Elective	Open Elective	Open Elective

- Highlighted "Endorsement" courses may be taken in any year appropriate.
- Courses must include a coherent sequence of: at least two courses from the same cluster, one advanced CTE course, and one course from Public Services Endorsement clusters.
 See list of appropriate courses for 3rd Science, Other Science, 3rd Math, and 4th Math
- See list of appropriate courses for Advanced English
- "Electives" are required for the 26 state credit total
- "Open Electives" are opportunities for students to take courses over and above state requirements, earn multiple endorsements or potentially to graduate early. May include local or state credit courses.

Public Services Endorsement - Non-CTE Pathway

NOTES	GRADE		\LL	SPRING	
NOTES	GR/	1 ST QTR	2 ND QTR	1 ST QTR	2 ND QTR
Required Courses for Foundation Plan w/Public		English 1	English 1	Algebra 1	Algebra 1
Services Non-CTE Endorsement:	9 TH	W. Geography or W. History	W. Geography or W. History	Biology	Biology
☐ English 1 (1) ☐ English 2 (1) ☐ English 3 (1)	6	Elective	Elective	Fine Art	Fine Art
☐ English 4 (1) or Adv Eng		ROTC I	ROTC I	Elective	Elective
☐ Algebra 1 (1) ☐ Geometry (1) ☐ 3 rd Math (1)		English 2	English 2	Geometry	Geometry
☐ 4 th Math (1)	10 TH	Elective	Elective	IPC, Chem, or Physics	IPC, Chem, or Physics
☐ IPC, Chemistry, or Physics (1) ☐ 3rd Sci (1) ☐ Other Science (1)	10	LOTE 1 OR Computer Prog Lang or Exception	LOTE 1 OR Computer Prog Lang or Exception	LOTE 2 OR Computer Prog Lang or Exception	LOTE 2 OR Computer Prog Lang or Exception
☐ W. Geography (1)		ROTC II	ROTC II	Open Elective	Open Elective
OR W. History (1) U.S. History (1) Govt (.5)		English 3	English 3	3 rd Science	3 rd Science
☐ Eco (.5) ☐ LOTE 1 (1) (Except)		US History	US History	3 rd Math	3 rd Math
LOTE 2 (1) (Except)	7	Open Elective	Open Elective	Open Elective	Open Elective
☐ Fine Art (1) ☐ PE (1) (ROTC Sub)		ROTC III	ROTC III	Open Elective	Open Elective
☐ Endorsement (4) (ROTC)		English 4 OR Adv Eng	English 4 OR Adv Eng	Other (4 th) Science	Other (4 th) Science
☐ Electives (3)	王	Govt	Eco	4 th Math	4 th Math
26 State Credits Required	12	ROTC IV	ROTC IV	Open Elective	Open Elective
		Open Elective	Open Elective	Open Elective	Open Elective

- Highlighted "Endorsement" courses may be taken in any year appropriate.
- Appropriate ROTC courses may substitute for PE requirement.
- Must take ROTC I-IV for Non-CTE Endorsement pathway.
- See list of appropriate courses for 3rd Science, Other Science, 3rd Math, and 4th Math
- See list of appropriate courses for Advanced English
- "Electives" are required for the 26 state credit total
- "Open Electives" are opportunities for students to take courses over and above state requirements, earn multiple endorsements or potentially to graduate early. May include local or state credit courses.

Science, Technology, Engineering & Math - CTE Pathway

NOTES	GRADE	FALL		SPRING	
		1 ST QTR	2 ND QTR	1 ST QTR	2 ND QTR
Required Courses for Foundation Plan w/STEM	9 ^{ТН}	English 1	English 1	Algebra 1	Algebra 1
CTE Endorsement:		W. Geography or W. History	W. Geography or W. History	Biology	Biology
English 2 (1) English 3 (1) English 4 (1) or Adv Eng		Physical Education or Substitute	Physical Education or Substitute	Fine Art	Fine Art
		Endorsement	Endorsement	Elective	Elective
☐ Algebra 1 (1) ☐ Geometry (1) ☐ Algebra 2 (1) ☐ Advanced Math (1)	10 TH	English 2	English 2	Geometry	Geometry
		Elective	Elective	Chemistry	Chemistry
Physics (1)		LOTE 1 OR Computer Prog Lang or Exception	LOTE 1 OR Computer Prog Lang or Exception	LOTE 2 OR Computer Prog Lang or Exception	LOTE 2 OR Computer Prog Lang or Exception
Advanced Science (1)		Endorsement	Endorsement	Elective	Elective
W. Geography (1)OR W. History (1)U.S. History (1)		English 3	English 3	Physics	Physics
Govt (.5) Eco (.5)	王_	US History	US History	Algebra 2	Algebra 2
☐ LOTE 1 (1) (Except) ☐ LOTE 2 (1) (Except)	11	Open Elective	Open Elective	Open Elective	Open Elective
☐ Fine Art (1)		Endorsement	Endorsement	Open Elective	Open Elective
☐ PE (1)	12 TH	English 4 OR Adv Eng	English 4 OR Adv Eng	Advanced (4 th) Science	Advanced (4 th) Science
☐ Endorsement (4)		Govt	Eco	Advanced (4 th) Math	Advanced (4 th) Math
☐ Electives (3) 26 State Credits Required		Endorsement	Endorsement	Open Elective	Open Elective
		Open Elective	Open Elective	Open Elective	Open Elective

- Highlighted "Endorsement" courses may be taken in any semester/year appropriate for the course
- Courses must include coherent sequence of: at least two courses from the same cluster, one advanced CTE course, and one course from the STEM cluster.
- See list of appropriate courses for Advanced Science and Advanced Math
- See list of appropriate courses for Advanced English
- "Electives" are required for the 26 state credit total
- "Open Electives" are opportunities for students to take courses over and above state requirements, earn multiple
 endorsements or potentially to graduate early. May include local or state credit courses.

Science, Technology, Engineering & Math - Non-CTE Pathway

NOTES	GRADE	FALL		SPRING	
		1 ST QTR	2 ND QTR	1 ST QTR	2 ND QTR
Required Courses for Foundation Plan w/STEM	:: H_0	English 1	English 1	Algebra 1	Algebra 1
Non-CTE Endorsement:		W. Geography or W. History	W. Geography or W. History	Biology	Biology
English 1 (1) English 2 (1) English 3 (1) English 4 (1) or Adv Eng		Physical Education or Substitute	Physical Education or Substitute	Fine Art	Fine Art
		Endorsement	Endorsement	Elective	Elective
☐ Algebra 1 (1) ☐ Geometry (1) ☐ Algebra 2 (1)		English 2	English 2	Geometry	Geometry
Advanced Math (1)	E E	Elective	Elective	Chemistry	Chemistry
☐ Biology (1) ☐ Chemistry (1) ☐ Physics (1) ☐ Advanced Science (1)	10	LOTE 1 OR Computer Prog Lang or Exception	LOTE 1 OR Computer Prog Lang or Exception	LOTE 2 OR Computer Prog Lang or Exception	LOTE 2 OR Computer Prog Lang or Exception
		Endorsement	Endorsement	Elective	Elective
W. Geography (1)OR W. History (1)U.S. History (1)Govt (.5)Eco (.5)	11 TH	English 3	English 3	Physics	Physics
		US History	US History	Algebra 2	Algebra 2
		Open Elective	Open Elective	Open Elective	Open Elective
LOTE 1 (1) (Except) LOTE 2 (1) (Except)		Endorsement	Endorsement	Open Elective	Open Elective
☐ Fine Art (1)	12 TH	English 4 OR Adv Eng	English 4 OR Adv Eng	Advanced (4 th) Science	Advanced (4 th) Science
☐ PE (1)		Govt	Eco	Advanced (4 th) Math	Advanced (4 th) Math
☐ Endorsement (4)		Endorsement	Endorsement	Open Elective	Open Elective
☐ Electives (3) 26 State Credits Required		Open Elective	Open Elective	Open Elective	Open Elective
☐ Electives (3)					

- Highlighted "Endorsement" courses may be taken in any semester/year appropriate for the course
 - A coherent sequence of four credits in specific content areas. See FHSP Parent/Student Guide.
- See list of appropriate courses for Advanced Science and Advanced Math
- See list of appropriate courses for Advanced English
- "Electives" are required for the 26 state credit total
- "Open Electives" are opportunities for students to take courses over and above state requirements, earn multiple
 endorsements or potentially to graduate early. May include local or state credit courses.



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