



UNITED INDEPENDENT SCHOOL DISTRICT



FOR CHILDREN





High School Course Catalog

United Independent School District

201 Lindenwood Dr. Laredo, Texas 78045
(956) 473-6201

The purpose of this course catalog is to assist students in making wise decisions concerning graduation programs and in selecting the proper course choices during their high school years.

Parents and students are highly encouraged to review all the information contained in this course catalog and to work closely with their high school counselor to develop their four year plans to meet graduation requirements as well as their individual needs. To assist in the planning process, this catalog offers a description of each course along with any pre requisition if applicable.

J. B. Alexander High School (956) 473-5800
 J. B. Alexander- 9th Grade Campus (956) 473-1300
 L. B. Johnson High School (956) 473-5100
 L. B. Johnson-9th Grade Campus (956) 473-1500
 United High School (956) 473-5600
 United High-9th Grade Campus (956) 473-2400
 United South High School (956) 473-5400
 United South-9th Grade Campus (956) 473-1400

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Information in this course catalog is subject to change without prior notice, if necessary, to maintain compliance with state and local policies and regulations. Changes will be noted in the appropriate section (s).

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United Independent School District High Schools

John B. Alexander High School
3600 E. Del Mar Blvd
Laredo, TX 78041
(956) 473-5800



John B. Alexander High 9th Grade
4601 Victory Dr.
Laredo, Texas 78041
(956) 473-1300



Lyndon B. Johnson High School
5626 Cielito Lindo Blvd.
Laredo, TX 78046
(956) 473-5100



Lyndon B. Johnson High 9th Grade
5511 St. Luke
Laredo, TX 78046
(956) 473-1500



United High School
2811 United Avenue
Laredo, TX. 78045
(956) 473-5600



United High School 9th Grade
2811 Hillcroft Dr.
Laredo, TX 78045
(956) 473-2400



United South High School
4001 Ave. Los Presidentes
Laredo, TX 78046
(956) 473-5400



United South High School 9th Grade
3819 Aguanieve Dr.
Laredo, TX 78046
(956) 473-1400



General Information

United Independent School District Mission Statement

UNITED, we inspire all students to become responsible world citizens by pursuing excellence through life-long learning.

Planning Your High School Program

Welcome to high school! This guide is designed to help you select courses that you will take in high school. You have the opportunity to make some decisions that will impact your future. The planning of your high school program is an important transition in your life. The choices you make with regards to the courses you select will have a direct influence upon your future. At this time you may decide what career pathway you would like to begin. This process should not be overwhelming, but it should be taken seriously.

Gaining admission to college or any post-secondary educational institution or just getting a job is highly competitive. For this reason, it is important for you to plan as challenging a program as you can. Although it may appear tempting to take the easier program so that you can enjoy the many activities that high school has to offer, this may have drastic and negative consequences for you in the long run. You should try to find courses that meet your needs and that prepare you for your potential career rather than just taking the courses that will allow you to graduate. At United ISD, you have many avenues that will help to prepare you for your future. There is a wide range of programs designed to prepare students for post-high school experiences such as: college, business or technical school, military service, fine arts, immediate employment and many others. These programs will allow you to choose the one that is best suited to meet your needs.

On the following pages you will see the graduation requirements and the graduation plans that are available to you. There is also information relating to career planning that will be helpful to you. These pages should assist you in personalizing your plan and in selecting your Endorsement. You will find a description of the courses offered along with any information on prerequisites or grade level placement. Please take some quality time to make a serious effort in planning YOUR future.

High schools in United ISD operate on an Accelerated Block schedule. Beginning with the 2012-2013 school year, students began taking five classes per day during the fall semester and spring semester for a maximum total of ten credits per school year. Each course is 80 minutes in length.

Pre-AP and AP Courses

Enrollment in any Pre-AP, Advanced or Advanced Placement (AP) course is determined by the student's willingness to engage in a rigorous/college academic experience. Pre-AP Advanced and AP courses are more complex and abstract than regular curriculum.

AP places emphasis on implementing higher levels of cognitive skills: using processing skills independently; engaging in critical and creative skills regularly; interacting with broad-based issues, concepts and problems; and refining oral and written communication skills in a variety of formats. AP classes prepare students to take College Board Advanced Placement tests that may result in college credit. **All students enrolled in AP classes are strongly encouraged to take AP exams. In addition, UISD offers College Level Academic Readiness (CLAR) courses to prepare students for the content specific advanced placement exams. The prerequisite to all CLAR courses is the corresponding AP course and must be taken within the same academic year.**

Credits Earned in Middle School

UISD eighth grade students may have the opportunity to take Pre-AP Algebra I in Middle School and earn one high school credit. Grades earned for this course will be calculated into the student's high school grade point average (GPA). Earning high school credits in the 8th grade requires that students commit to their studies since future educational opportunities will be dependent on a student's GPA. Students must take the Algebra I STAAR End of Course. Beginning with the 2020/2021 school year, Touch Systems Data Entry will be taken by all 8th graders for the high school credit. This course will be offered on a Pass/Fail basis and will not be factored in the students high school GPA calculation.

Career and Technical Education

UISD offers **Career and Technical Education (CTE)** programs to students in 13 career clusters. Student admission to these programs is based on interest and aptitude, age appropriateness, class space and program availability at the campuses. Students will select a program of study and endorsement through their counselors in the 8th grade. Selected plans will be given to their freshmen counselor who will develop an individualized four-year plan based on student interest. Four-year plans are reviewed yearly and revised based on student needs. Decisions as to whether particular courses will be taught are based upon the number of students and the availability of the program.

Grade-Level Classifications

Students are classified in the appropriate grade level according to the number of academic credits they earned prior to the first day of each school year:

- Freshman:** A student must have been promoted from the 8th grade (0-6.5 credits)
- Sophomore:** A student must have satisfactorily completed 7 credits and one full academic year of high school.
- Junior:** A student must have satisfactorily completed 14 credits and two full academic years of high school.
- Senior:** A student must have satisfactorily completed 21 credits and three full academic years of high school or have completed 21 credits and have an Intent to Graduate Early Form on file.

Special Education Services

Each school has the responsibility for providing educational and related services to students in the least restrictive environment. Eligible students with cognitive, behavior, physical and/or health disabilities will be afforded the opportunity to access the curriculum at their enrolled grade level with specialized instructional support as determined by their Individualized Education Program (IEP). Special Education teachers assigned to the high school will assist in the coordination, development and implementation of the Individualized Education Program (IEP) and collaborate with or provide consultative support to general education teachers for the academic success of students with special needs. UISD ensures students with disabilities have the opportunity to participate in educational programs and activities with students without disabilities.

If a student has or is suspected of having a disability or requires special services, parents, teachers, administrators, or any other district employee should contact the administrator or counselor for information concerning available programs, assessments, and services.

The school district curriculum enables each student with disabilities to acquire knowledge and skills in the basic areas of learning commensurate with the student's needs and abilities. These skills may be attained in the general program of instruction or through special education instruction and related services, as determined by the admission, review, and dismissal (ARD) committee.

Students with disabilities shall have available an instructional day commensurate with that of students without disabilities. The ARD committee shall determine the appropriate instructional setting and length of day for each student, and these shall be specified in the student's individual educational program (IEP).

Special education services shall terminate if the student is exited from the program, graduates or no longer meets the age requirement for eligibility.

Section 504/Dyslexia

UISD currently uses a program called Language Foundations, which meets all the requirements of the Texas Education Agency Dyslexia Handbook to provide ***Simultaneous, multisensory; Systematic and cumulative; Explicit Instruction; Diagnostic teaching to automaticity; Synthetic and Analytic Instruction***. The program is offered to students identified with Dyslexia by the Section 504 Committee. The lessons are taught by highly trained teachers, Certified Academic Language Practitioners (CALP) and Certified Academic Language Therapist (CALT) at all levels: Elementary, Middle and High School. In addition to the daily classes, teachers provide support and monitor student participation and progress.

The Dyslexia Program meets the requirements of the following:

- ◆ Texas Education Agency descriptors for Dyslexia Programs
- ◆ ESSA

Class Ranking

Beginning with Students who enter 9th grade in 2018-2019 and thereafter

The District shall use a 100-point grading scale to calculate a student's cumulative grade point average (GPA) by including all grades earned.

Courses shall be weighted as follows for GPA calculation only:

<u>Category</u>	<u>Weight</u>
AP test score of at least 3 on the corresponding Course and final course grade of at least 70	+5 points
Tier 1: with a final course grade of at least 70	+10 points
Tier 2: Regular courses	No weight

***Approved Dual Credit courses not completed at UISD will not receive additional weight.**

Graduation Honors

Beginning with students who entered grade 9 in the 2018-2019 school year and thereafter, honor graduates shall meet all graduation requirements under the Foundation High School Program and shall complete the distinguished level of achievement with at least one endorsement. The cumulative grade point average (GPA) used in designating honor graduates shall be calculated at the end of the third nine-week grading period of the senior year.

Students shall be recognized as honor graduates according to the following criteria:

Valedictorian	Highest Cumulative GPA
Salutatorian	Second Highest Cumulative GPA
Summa Cum Laude	Overall GPA of 100 or higher
Magna Cum Laude	Overall GPA of 95-99
Cum Laude	Overall GPA of 90-94

Other Learning Opportunities

Summer School

STAAR End of Course (EOC) preparation and credit recovery courses are offered each summer at a secondary school in United I. S. D. Courses offered are determined by the number of students who enroll. Credit recovery is available for students who are behind in their cohort. For further information regarding summer school eligibility, visit your school counselor.

Credit-By-Exam without Prior Instruction

Credit-By-Exam will serve primarily as a means for students to be given credit for a course they have not yet formally taken. The student must earn a passing grade of 80 or better on both the A & B parts in order to obtain credit. The passing grade and the credit earned on the credit-by-exam will be recorded on the student's academic achievement record, and the grade will be computed in the student's grade point average. A student planning to take an examination shall be required to register with the counselor or designee at least 30 days prior to the scheduled testing date. Four testing dates will be offered during the school year. Each student is required to complete and submit an application of intent to test. The credit-by-exams are ordered from Texas Tech University. (EHDC-Local)

Credit-By-Exam with Prior Instruction

Students in grade 9-12 may use credit-by-examination with prior instruction to demonstrate mastery to earn or to regain credit in selected academic courses. Such examinations shall assess the student's mastery of the Texas Essential Knowledge and Skills and shall be administered according to established District procedures. Written approval from the student's respective counselor, parent or guardian, and principal, must also be obtained prior to testing.

Students who are eligible for this exam are the following:

1. Students who are transferring from a non-accredited school or have been homeschooled (FD Local),
2. Students who are transferring from Mexico and did not receive a grade of 70 or better on applicable subject areas;
3. Students who did not earn a passing grade on a course: or
4. Students who have earned a passing grade in a subject or course but has failed to earn credit because of excessive absences (FEC).

To receive credit, a student must score at least 80 or above on the examination. Passing scores earned on credit-by-examination shall be recorded in the student's academic achievement record as "P" for passing. The actual grade received on the exam will not be calculated into the student's Grade Point Average (GPA).

The cost of taking the credit-by-exam with prior instruction to earn or regain credit shall be the student's or the parent's responsibility, if the test is ordered from Texas Tech University. (EHDB-Local)

OdysseyWare

OdysseyWare is an online credit recovery program. Eligible students may be able to take a course via OdysseyWare either during zero-hour or during their regular class schedule. Students wanting to exercise this option must see their counselor to determine enrollment eligibility. These courses are approved by the Executive Director of High School Education.

Dual High School/College Credit-House Bill I Initiative

United I.S.D. along with Laredo College have entered into an agreement allowing students who meet specified criteria to earn both high school credit and college credit for certain high school courses.

Students with a **85** grade point average or better are selected at the end of their sophomore year to prepare and take the Texas Success Initiative Assessment (TSI). Students who pass TSI and meet the college entrance requirements (Refer to page 14) may enroll in the courses for dual credit. The courses offered in the House Bill I Initiative are the following: U. S. History 1302 and English 1301, taken during the junior year. English 1302; English 2327 and College Math 1314 taken during the senior year. These courses fulfill high school credit course requirements which will display on the high school transcript, and will be calculated on the student's GPA.

Early Start Pathway Program

Students in the Early Start Pathway (ESP) Program are encouraged to earn the equivalent of up to 33 hours of dual credit while in high school. The following courses are part of the Early Start Pathway Program.

Foundational Component Areas	College Course	High School Course	Tier	Required SCH
Creative Arts	ARTS 1301 -Art Appreciation	Art 1 (9th)	1	3
American History	HIST 1301 - United States History I	SS Adv. Studies (10th)	1	6
	HIST 1302 - United States History II	US History (11th)	1	
Communication	ENGL 1301 - Composition I	English 3 (11th)	1	6
	ENGL 1302 - Composition II	English 4 (12th)	1	
Math	MATH XXXX - College Math	4th Math (12th)	1	3
Lang, Philosophy, & Culture	ENGL 2327 - American Literature	English 4 (12th)	1	3
Government/Political Science	GOVT 2305 - Federal Government	Government (12th)	1	6
	GOVT 2306 - Texas Government	SS Spec. Topics (12th)	2	
Social /Behavioral Science	PSYC 2301 - General Psychology	Psychology (12th)	1	3
Social/Behavioral Science	PSYC 2314 - Lifespan Growth & Devel.	SS Spec. Topics II(12th)	2	Elective
Total Core Hours				30
Total Elective Hours				3
Total Course Hours				33

Students who are interested in participating in this program should visit with their respective counselor for Early Start Pathway (ESP) admission requirements.

NOTE: Early Start Pathway courses subject to availability, and changes in course offerings.

GOLD **(Garnering Online Dual and Concurrent Credit)** **Program courses:**

GOLD courses are offered online through Laredo College for eligible dual (high school and college) credit or concurrent (college) credit for a range of subjects. This allows Junior and Senior students to start their college education early at no cost. Students receive free tuition, textbooks, materials, and access to district resources. Students must meet LC criteria to enroll and will be allowed to take one college course per class period. Contact a campus counselor for more information.

Courses taken for Dual Credit

The following are district approved college courses that may be taken for dual credit outside any UISD dual credit program. However, these earned credits **will not** be weighted in calculating the student's weighted average (formerly GPA) for ranking purposes.

English 1301 - English III

English 1302/2327 - English IV (Students must pass English 1302 to be eligible to enroll in English 2327)

History 1301 - US History

Federal Government 2305 - US Government

Principles of Macro Economics 2301 - Economics

Students are considered “College Ready” if the minimum scores are in one of the following areas:

Why should it matter to me?

Upon high school graduation, students must meet the college readiness standard or will be required to pay for developmental classes at the college they are attending. These classes cost time and money and will not count toward a degree.

College Visits

Due to new state regulations students may have **two excused absences** to visit a college campus that **do not** count against exemptions. Prior to your college visit, inform your teachers of the in-

College Readiness Standards and the TSI (Texas Success Initiative)

tended absence, and obtain a campus visit form from the attendance office. Proper documentation

College Readiness Measure	English Language Arts	Mathematics
ACT (must score at least a 21 Composite and noted scores)	English -18	Math - 22
SAT on or after March 5, 2016 (no combined score)	Evidenced-Based Reading & Writing (EBRW) - 480	Math - 530
TSI	Reading - 351 AND Writing - 340 & Essay - 4	Math - 350
TSIA 2.0	ELAR –CRC \geq 945 and Essay \geq 5; CRC $<$ 945 Diagnostic \geq 5 and Essay \geq 5	MATH - CRC \geq 950; CRC $<$ 950 and Diagnostic \geq 6

needs to be submitted to the Attendance Office upon your return to school. (FEB Legal)

NOTE: Criteria Subject to change as per Institution of Higher Education.

Dual Enrollment with University of Texas OnRamps Program

UISD is partnering with the University of Texas at Austin to provide certain dual enrollment courses during the school day on select high school campuses. Students are taught by a high school teacher in collaboration with a UT college professor and take college assessments over the course of the year. A student must earn a qualifying grade (varies by course) on the required assignments during the fall term to be eligible to be dually enrolled in the university course in the spring term. High school grades and college grades are recorded separately. Costs related to the courses are covered by the state. Available courses vary by campus. Please note that the classroom grade from the OnRamps course is included for rank in class calculations. Check with your counselor for the options.

How OnRamps Works

1. OnRamps students are enrolled in a yearlong high school course facilitated by a high school teacher who is trained and certified by OnRamps to teach the course on their local campus.
2. During the first half of the course, OnRamps students complete a series of required assignments that are designated by an instructor of record at the university to determine eligibility to be dually enrolled in the university course.
3. Students who successfully complete the high school version of the course receive credit from their local high school. In addition, students who successfully complete the spring college course receive three core credits from the university guaranteed to transfer to any public college or university in Texas.

Scheduling Process

This catalog contains a brief description of every high school course offered at United Independent School District. Although students will receive specific instructions and assistance from school counselors during the preregistration process, the responsibility for selecting appropriate career and graduation choices rests with students and parents. It is very important that students and parents give careful consideration to selecting appropriate courses. Students must carefully plan and select their required courses for graduation as well as electives for career pathways. Electives are offered based on staff availability at each high school. Beginning with students who entered grade 9 in the 2018-2019 school year and thereafter, students will be required to complete all United ISD graduation requirements as referenced in EIF regulation for the Foundation High School program.

Schedule Changes

Schedule changes may only be made within the first 5 days for a nine week course or 10 days for an 18 week course of a new semester. Requests will be honored only if a student fails to satisfy the prerequisite and/or enrollment criteria for the course, a scheduling conflict exists, or the student previously earned credit for the course.

Student schedules will not be changed to select different teachers, different lunch periods, or to drop a previously selected elective. Schedule changes involving an extenuating circumstance will need final approval from the principal.

Senate Bill 1697 - Retaking a Course - 2021-2022 School Year

Senate Bill 1697 statutory changes only apply to situations when a course that was previously passed is retaken. This state law allows parents or guardians to request that their child retake a high school course taken during the 2020-2021 school year. Students who opt to retake a course where credit was earned will retake the course on a Pass or Fail basis and any numeric grades earned will not be calculated in the student's weighted average. The original grade earned for the course that was previously taken and passed will remain on the student's Academic Achievement Record. If a student failed a course last year, he/she **must** retake the course and earn a grade of 70 or better to meet graduation requirements. Please note that if a student retakes a course under this statutory change, the student will reduce the number of courses he or she can take to possibly earn endorsements, performance acknowledgements, and/or take dual enrollment courses, if eligible to do so. Retaking a course will only be allowed during the 2021-2022 school year.

Transfer Students

When a student transfers to UISD from a non-Texas public and/or non-accredited school (e.g. private, home-school etc.), the student's record will be evaluated and appropriate credit will be awarded for those courses that match the Texas Essential Knowledge Skills for a Texas course and will be recorded on the student's Academic Achievement Record. Official records for students who transfer from a foreign country will be evaluated according to the current UISD Bilingual Department High School Manual.

Students who transfer a half credit earned for a full (one) credit course will need to retake the course at UISD to meet graduation requirements.

A student who transfers to one of our high schools shall receive similar credits counted toward their weighted average according to the list of courses offered in the District's catalog as long as the Texas Essential Knowledge and Skills (TEKS) have been met. Grades that earned weight at another school district shall be given the weight as outlined in this High School Course Catalog and in policy EIC-Local.

Students transferring into the District shall receive the numerical grade that was earned in the courses at another school. Letter grades for eligible courses shall be recorded as follows:

Conversion Scale	
A+	98
A	95
A-	92

Conversion Scale	
B+	88
B	85
B-	82

Conversion Scale	
C+	78
C	75
C-	72

Conversion Scale	
D+	68
D	65
D-	62
F	50

Dropping A Course

A student may request to drop a course and replace it with an approved course without any penalties if done within the first 5 instructional days for a 9 week course and within 10 instructional days for an 18 week course of the grading period. If a student drops a course after the 5th instructional day for a 9 week course or after the 10th instructional day for an 18 week course, the student will receive a "50" as a withdrawal grade, regardless if the student was passing the course. If the student is failing the course with a grade below a "50", that grade will be recorded as the withdrawal grade on the student's academic achievement record. The withdrawal grade will display on the report card and will be used for grade point average calculations and class ranking purposes. A grade of 50 will make the student ineligible for that grading period for participation in extracurricular activities in accordance with UIL rules. Dropping a Pre-AP or Advanced Placement course, which is exempt from no-pass no-play, does not cause loss of eligibility at anytime unless full time status is affected or the school has adopted a more stringent policy.

Articulation Agreements

Career and Technical Education articulation agreements with community colleges (and some four year universities) make it possible for students to earn college credit for courses successfully completed for high school credit. These courses are designed to prepare students for the future and cover both the high school curriculum and the college curriculum. These credits are held in escrow until the student successfully completes the requirements of the articulating college/university. The credits held in escrow are then placed on the student's college transcript when they enter the institution of higher learning that offers the articulated credit. In order to claim, the college requires the student to take at least one course to earn the articulated credits. To be considered for articulated credit students must earn a grade of 80 or better in the high school class, and pass an exam at the college to receive credit.

Top Ten Percent Rule

In accordance with Texas Education Code (TEC), §51.803, a student is eligible for automatic admission to a college or university as an undergraduate student if the applicant earned a grade point average in the **top 10 percent** of the student's high school graduating class, or the **top 6 percent** of eligible summer/fall 2022 and spring 2023 freshman applicants for admission to the University of Texas at Austin.

1. Successfully completed the requirements for the Recommended High School Program (RHSP) or the Distinguished Achievement Program (DAP); or
2. Earned the Distinguished Level of Achievement under the Foundation High School Program: or
3. Satisfied ACT's College Readiness Benchmarks on the ACT assessment or earned on the SAT assessment a score of a least 1,500 out of 2,400 or the equivalent.

In accordance with Title 19 Texas Administrative Code (TAC), §5.5(e), high school rank for students seeking automatic admission to a general academic teaching institution on the basis of class rank is determined and reported as follows.

1. Class rank shall be based on the end of the 11th grade, middle of the 12th grade, or at the school graduation, whichever is most recent at the application process.
2. The top 10 percent of a high school class shall not contain more than 10 percent of the total class size.
3. The student's rank shall be reported by the applicant's high school or school district as a specific number out of a specific number total class size.
4. Class rank shall be determined by the school or school district from which the student graduated or is expected to graduate.

An applicant who does not satisfy the course requirements is considered to have satisfied those requirements if the student completed the portion of the RHSP, DAP, or the distinguished level of achievement under the Foundation High School Program that was available to the student but was unable to complete the remainder of the coursework solely because courses were unavailable to the student at the appropriate times in the student's high school career as a result of circumstances not within the student's control.

To qualify for Texas Automatic Admission an applicant must:

1. Submit an application before the deadline established by the college or university to which the student seeks admission;
2. Meet all curriculum requirements for admission established by the college or university to which the student seeks admission; and
3. Provide a high school transcript or diploma that indicates whether the student has satisfied or is on schedule to satisfy the requirements of the RHSP, DAP, or the Distinguished Level of Achievement (DLA) under the Foundation High School Program or the portion of the RHSP, DAP, or the distinguished level of achievement under the Foundation High School Program that was available to the student.

Students who entered 9th grade in 2014-2015 and thereafter, must successfully complete the requirements for the Foundation High School Program with an endorsement and earn the Distinguished Level of Achievement distinction to be considered eligible for the top 10% rule.

Requirements for Graduation

Students Entering 9th Grade in 2014-2015 and Thereafter

The 83rd Texas Legislative Session signed House Bill 5 (HB 5) into law which changed graduation requirements for the freshmen class of the 2014-2015 school year. This new Foundation High School Program (FHSP) allows greater flexibility in choosing courses while maintaining academic excellence. The FHSP with Endorsements prepares students for post secondary and workforce options. All incoming 9th grade students will be scheduled to graduate on the FHSP with an endorsement and the Distinguished Level of Achievement (DLA) distinction with the exception of those students with an individualized educational plan. Reviews with grade level counselors for progress toward earning the DLA will take place annually. The Distinguished Level of Achievement distinction is required to qualify for automatic college admission under the state's top 10 percent provisions. A student may earn the Distinguished Level of Achievement distinction by successfully completing:

- ◆ The curriculum requirements for the FHSP
- ◆ The curriculum requirements for at least one endorsement
- ◆ A total of four credits in mathematics which **must** include Algebra II
- ◆ A total of four credits in science

United ISD continues to require .5 credit in health, .5 in communication applications, two additional electives and 1 credit in technology applications beyond the state mandated course requirements for all graduation plans.

Graduation and Testing Requirements

Students are required to pass five State of Texas Assessments of Academic Readiness (STAAR) End of Course (EOC) assessments in order to receive their high school diploma. These state assessments are required for students who entered 9th grade in 2011-2012 and thereafter. When the student has completed the academic course for the specified exam, the student will be required to take the corresponding EOC. They are the following:

- ◆ English I
- ◆ English II
- ◆ Algebra I
- ◆ Biology
- ◆ U.S. History

A student must have satisfactorily met all state and local requirements, including course credits and passing scores on state-mandated EOC assessment in order to receive a diploma.

Incoming freshmen entering 2014-2015 and thereafter must have 26 credits to graduate under the Foundation High School Program (FHSP), 30 credits to graduate with the FHSP with an Endorsement, or 30 credits to graduate with the distinction of Distinguished Level of Achievement with an Endorsement.

Physical Education Substitutions

Students may substitute certain physical activities for the one credit required for physical education. Such substitutions occur in 9th grade during the fall semester for Cheerleading, Dance, JROTC I, and Band I. Students may also substitute one credit of PE through participation in athletics. A student may earn up to four credits in athletics; one for PE and three elective credits.

What is an Endorsement?

An endorsement is earned when a student completes a coherent sequence of elective courses in a concentrated area of study. To earn any endorsement, a student must successfully complete the requirements for the Foundation High School Program (FHSP) and:

- ◆ An additional advanced mathematics course to equal 4 total credits in mathematics (including Algebra II)
- ◆ An additional advanced science course to equal 4 total credits in science
- ◆ 2 elective credits in addition to the elective credits required for the FHSP
- ◆ Complete four or more credits for the Career Technical Education with at least two courses in the same cluster **and at least** one advanced CTE course.

Students may earn endorsements in the following areas:

Science, Technology, Engineering, Mathematics (STEM) -The science, technology, engineering, and mathematics (STEM) endorsement includes courses directly related to engineering, advanced mathematics and advanced sciences.

Business and Industry-includes courses directly related to Agriculture, Food, & Natural Resources, Architecture and Construction, Arts, Audio/Video Technology and Communications, Business Management and Administration, Finance, Hospitality and Tourism, Information Technology, Transportation Distribution and Logistics and Oil and Gas Production.

Public Services-includes courses directly related to Education, Health Science, Law, Public Safety, Corrections and Security, and Junior ROTC.

Arts and Humanities-includes courses directly related to Art, Languages other than English, Music and Theatre.

Multidisciplinary-includes courses in the Foundation subject area, AP courses and dual credit courses.

How Are Endorsements Selected?

An 8th grade student must indicate in writing an endorsement that **he/she** intends to earn upon graduation from high school. Each student is provided with a Four-Year Plan in which they select their endorsements and career pathway choices. If the 1st endorsement choice is not available then the 2nd/or 3rd choice endorsement listed on the Four-Year Plan will be considered in order of preference and availability. The student, parent, and counselor must sign this form acknowledging selection of the endorsement. Students may earn more than one endorsement and are allowed to change the endorsement during their 9th and 10th grade year in high school.

Performance Acknowledgements

A student may earn a performance acknowledgement on the student's transcript for outstanding performance in one or more of the following:

- ◆ Twelve hours of college academic courses, including those taken for dual credit and advanced technical courses including locally articulated courses with a grade of the equivalent of 3.0 or higher on a scale of 4.0; or
- ◆ Earning an associate degree while in high school
- ◆ Bilingualism and biliteracy
- ◆ AP test (score of 3 or higher)
- ◆ PSAT (National Merit/Commended Scholar)
- ◆ SAT Earning a score of at least 1310 on the SAT.
- ◆ ACT (composite score of 28 excluding the writing subscore).
- ◆ Earning an industry-based license or certification

UISD Endorsements and Coherent Sequence Class of 2022

Endorsements	Cluster	Pathway	9th Grade		10th Grade		11th Grade		12th Grade		AHS	LBHS	UHS	USHS
			BIM I*	Art I	Art II	Art III	AP Studio Art	✓	✓	✓				
Arts and Humanities	Fine Arts	Art [4]	BIM I*	Art I	Art II	Art III	AP Studio Art	✓	✓	✓	✓			
Arts and Humanities	Fine Arts	Dance [4]	BIM I*	Dance I	Dance II	Dance III	Dance IV	✓	✓					
Arts and Humanities	Fine Arts	Theatre Arts [4]	BIM I*	Theatre Arts I	Theatre Arts II	Theatre Arts III / Theater Production I*	Theatre Arts IV Theater Production II*	✓		✓	✓			
Arts and Humanities	Fine Arts	Music [4]	BIM I*	Orchestra I / Instrumental Ensemble I	Orchestra II / Instrumental Ensemble II	Orchestra III / Instrumental Ensemble III	Orchestra IV / Instrumental Ensemble IV	✓						
Arts and Humanities	Fine Arts	Music [4]	BIM I*	Choir I / Vocal Ensemble I	Choir II / Vocal Ensemble II	Choir III / Vocal Ensemble III	Choir IV / Vocal Ensemble IV	✓		✓				
Arts and Humanities	Fine Arts	Music [4]	BIM I*	Band I / Instrumental Ensemble I	Band II / Instrumental Ensemble II	Band III / Instrumental Ensemble III	Band IV / Instrumental Ensemble IV	✓	✓	✓	✓			
Arts and Humanities	Languages Other Than English	Languages Other Than English [4]	BIM I*	Spanish I	Spanish II	Spanish III	AP Spanish IV / AP Spanish V	✓	✓	✓	✓			
Arts and Humanities	Languages Other Than English	Languages Other Than English [4]	BIM I*	French I	French II	Spanish I	Spanish II	✓					✓	
Arts and Humanities	Social Studies	Social Studies [5]	BIM I*	World Geography	World History	Psychology 3 Sociology 3, AP European History, Human Geo 3 or AP World History	U.S History	Government and Economics	✓	✓	✓	✓		
Business Industry	Agriculture, Food and Natural Resources	Ag. Mechanics[4]	BIM I	Prin. of Ag, Food and Natural Resources, & Livestock Production	Horticultural Science or Wildlife Fisheries & Eco Mgt.	Ag. Mech. & Metal Tech.	Agricultural Structures Design & Fabrication	Practicum in Agriculture, FNR (2)	✓		✓	✓		
Business Industry	Agriculture, Food and Natural Resources	Oil and Gas Production [4] LCC	BIM I		Oil and Gas Production I		Oil and Gas Production II	Oil and Gas Production III	✓	✓	✓	✓		
Business Industry	Architecture & Construction	Construction Technology[4]	BIM I		Principles of Architecture		Principles of Construction	Construction Technology I (2)		✓			✓	
Business Industry	Architecture & Construction	Refrigeration[4]	BIM I		Electrical Technology I (Articulated)		HVAC & Refrigeration Technology I (Articulated)	HVAC & Refrigeration Technology II (2) LC - Dual			✓			
Business Industry	Arts, Audio/Video Technology & Communications	AV Technology and Film [4]	BIM I		Principles of Arts/AV Tech/Comm		Audio/Video Production I	Audio/Video Production II/AVP Lab (2)		✓	✓			
Business Industry	Arts, Audio/Video Technology & Communications	AV Technology and Film [4] OnRamps	BIM I		Principles of Arts/AV Tech/Comm		(OnRamps) Audio/Video Production I (FALL) Audio/Video Production II (SPRING) May be taken in 11th grade or 12th grade				✓	✓		
Business Industry	Arts, Audio/Video Technology & Communications	Graphic Design [4]	BIM I		Principles of Arts/AV/Comm		Graphic Design & Illustration I	Graphic Design & Illustration II/GDI Lab (2)	✓	✓	✓	✓		
Business Industry	Arts, Audio/Video Technology & Communications	Video Gaming [4]	BIM I		Video Game Design	Digital Media (DM)	Video Game Programming	Advanced Video Game Programming					✓	
Business Industry	Business Management and Administration	Administrative and Information Support [4]	BIM I		Principles of Business, Marketing & Finance		BIM II or Business Management	Global Business (.5) & Human Resources Management (.5)	✓	✓	✓	✓		
Business Industry	Finance	Tax Accounting [4]	BIM I		Accounting I	BIM II	Accounting II	Financial Analysis (VITA)	✓	✓	✓	✓		

Endorsements	Cluster	Pathway	9th Grade		10th Grade		11th Grade		12th Grade		AHS	LBHS	UHS	USHS		
Business Industry	Finance	Finance [4]	BIM I		Accounting I	BIM II	Money Matters	Securities and Investments or Financial Analysis (VITA)		✓	✓	✓	✓			
Business Industry	Information Technology	Computer Networking [5]	BIM I		Principles of Information Technology or Web Technologies		Networking and Internetworking Technologies I	Internetworking Technologies II Fall State / Spring- Local				✓				
Business Industry	Information Technology	Computer Programming Web Design [4]	BIM I		Principles of Information Technology		Web Design	Practicum Information Technology			✓					
Business Industry	Information Technology	Computer Programming [4]	BIM I		Principles of Information Technology		Comp. Maintenance	Computer Technician Practicum (2)			✓					
Business Industry	Information Technology	Web Digital Media [4]	BIM I		Principles of Information Technology	BIM II	Digital Media (DM)	Web Technologies Must have completed this pathway in year 19-20.		✓	✓	✓	✓			
Business Industry	Transportation, Distribution and Logistics	Diesel Technology LC - [4]	BIM I		BIM II		Diesel Equipment Technology I LC Dual (2)	Diesel Equipment Tech II (2) LC Dual			✓					
Business Industry	Transportation, Distribution and Logistics	Automotive Technology [4]	BIM I		Energy, Power, & Transportation Systems		Automotive Basic	Automotive Technology I (2)				✓				
Business Industry	Transportation, Distribution and Logistics	Automotive Collision Repair [4]	BIM I		Energy, Power, & Transportation Systems		Basic Collision Repair & Refinishing	Collision Repair (2)					✓			
Business Industry	Hospitality and Tourism	Culinary [4]	BIM I		Principles of Hospitality & Tourism	BIM II	Intro Culinary Arts	Culinary Art (2) - May substitute Food Science if seating is not available		✓	✓	✓	✓			
Multidisciplinary	Foundation Subject Area	Foundation Subject Area [4]	BIM I *	English I Algebra I Biology World Geog.	English II Geometry Chemistry World History		English III Algebra II US History Physics	English IV Advanced Math Advanced Science Government and Economics		✓	✓	✓	✓			
Multidisciplinary	Ap Courses or Dual Credit	AP Course/Dual Credit [4]	BIM I *	4 credits in Advanced Placement Courses OR 4 Dual credits Courses									✓	✓	✓	✓
Public Service	Education & Training	Education [4]	BIM I		Principles of Education and Training	Digital Media (DM)	Human Growth & Development	Instructional Practices (2)		✓	✓	✓	✓			
Public Service	Health Science	Health Profession [4]	BIM I		Prin. of Health Science		Medical Term	Pathophysiology, Medical Microbiology, Anatomy & Physiology, or Pharmacology		✓	✓	✓	✓			
Public Service	Health Science	Health Profession [5] Clinicals	BIM I		Prin. of Health Science		Medical Term	Health Science Theory	Practicum in Health Science (2) 15 students max			✓	✓	✓		
Public Service	Health Science	EMT Tech Basic [6]	BIM I		Prin. of Health Science	Medical Term (LC Prereq.)	Health Science Theory	Anatomy & Physiology (LC prereq)	Disaster Response - Fall Emergency Medical Tech - Spring (2) LC Dual					✓		
Public Service	Nurse Assistant	Health Profession LC - [6]	BIM I		Prin. of Health Science		Medical Term	Anatomy & Physiology	Health Theory & Nursing Assistant (2) LC Continuing Ed.		✓	✓				
Public Service	Junior Reserve Officers Training Corps	Junior Reserve Officers Training Corps [4]	BIM I * & ROTC I	ROTC II	ROTC III	ROTC IV	ROTC III [LOCAL CREDIT]	ROTC IV [LOCAL CREDIT]	ROTC III [LOCAL CREDIT]	ROTC IV [LOCAL CREDIT]	✓	✓	✓	✓		
Public Service	Law, Public Safety, Corr. & Security	Law Enforcement [4]	BIM I		Principles of Law, Public Safety, Corrections & Security	BIM II	Correctional Services	Courts Systems and Practices, Law Enforcement II or Forensic Science		✓	✓	✓	✓			
STEM	Science, Technology, Engineering and Math	Science, Technology, Engineering and Math [7]	BIM I		Principles of Applied Engineering	Algebra II and Chemistry	Robotics I	Physics	Engineering Design and Presentation I		✓	✓	✓	✓		
STEM	Science, Technology, Engineering and Math	Science [5]	BIM I *		Chemistry	Algebra II	Physics	Advanced Science	Advanced Science		✓	✓	✓	✓		

Endorsements	Cluster	Pathway	9th Grade		10th Grade		11th Grade		12th Grade		AHS	LBHS	UHS	USHS
STEM	Science, Technology, Engineering and Math	Math [5]	BIM I*			Algebra II Chemistry	Physics	Advanced Math	Advanced Math		✓	✓	✓	✓
Endorsements	Magnet Programs													
Public Service	Health Science	Magnet: Health Science Technology	BIM I	Principles of Health Science	<u>Anatomy & Physiology</u>		<u>Health Science Theory - Dental</u>		AP Science / AP Math	<u>Practicum in Health Sci (2)</u>	✓			
Business Industry	Business Management and Administration	Magnet: Global Busi. & Adv. Technology - Free Enterprise	BIM I	Business Management	Entrepreneurship	Accounting I	Securities & Investments	Business Law	<u>Practicum in Distribution and Logistics (2)</u>					✓
Business Industry	Information Technology	Magnet: Global Busi. & Adv. Tech - Information Technology	BIM I	Business Management	Computer Maintenance / CM Lab (2)		Networking & Internetworking Technologies I		<u>Practicum in Information Technologies (2)</u>					✓
STEM	Science, Technology, Engineering and Math	Science, Technology, Engineering and Math	BIM I	Principles of Applied Engineering	Engineering Design & Presentation Chemistry	<u>Robotics / Algebra II</u>	Principles of Architecture Physics	<u>SBD Engineering</u>	AP Computer Science / Pre AP Computer Science / AP Math	<u>Engineering Design and Problem Solving</u>			✓	
Courses in RED must be completed to earn the endorsement														
All endorsements require a 4th Math and a 4th Science														
Students must complete 4 or more credits for the CTE endorsement with at least 2 courses in the same cluster and 1 advanced CTE course.														
Must complete the advanced CTE course in order to earn the endorsement.														
CTE courses highlighted in blue are not part of the cluster but are recommended for the pathway.														
BIM I* = BIM I is not part of the coherent sequence for this endorsement.														
CTE bold & underlined courses bordered in red require successful completion of prerequisite course in order to earn credit. See attached.														
Theater Production I* and II* = Students may take these courses to complete the endorsement; teacher approval required.														
Magnet Programs - Courses in green font indicates courses that meet specified cluster. Students must complete 4 or more credits for the CTE endorsement with at least 2 courses in the same cluster and 1 advanced CTE course.														
A student receiving special education services may earn an endorsement if the student: 1. Satisfactorily completes the requirements for the FH SP including the additional math and science and elective courses with or without any modified curriculum. 2. Satisfactorily completes the courses for the endorsement without any modified curriculum and 3. Performs satisfactorily on the required state assessments.														

CTE Courses Prerequisites

CTE Course	Prerequisite
Accounting II	Accounting I
Anatomy & Physiology	Biology & a 2nd Science
Audio Video Production II/AVP Lab	Audio Video Production I
Auto Technology I: Automotive Service	Automotive Basics
BIM II	BIM I
Collision Repair	Basic Collision Repair & Refinishing
Computer Programming I	Web Technologies (LCC Prerequisite)
Computer Programming II	Computer Programming I
Construction Technology I	Principles of Construction
Culinary Arts	Intro to Culinary Arts
Diesel Equipment Technology II	Diesel Equipment Technology I
Engineering Design and Presentation I	Algebra I
Engineering Design and Problem Solving	Algebra I & Geometry
Financial Analysis (VITA)	Accounting I
Forensic Science	Biology & Chemistry
Graphic Design & Illustration II/GDI Lab	Graphic Design & Illustration I
Health Science Theory / Health Science Theory- Dental	Principles of Health Science & Biology
HVAC and Refrigeration Technology II	HVAC & Refrigeration Technology I
Instructional Practices	Human Growth and Development
Internetworking Technologies II	Internetworking Technologies I
Medical Microbiology	Biology & Chemistry
Nurse Assistant I	Principles of Health Science & Biology
Nurse Assistant II	Nurse Assistant I (Health Theory), Principles of Health Science, & Biology
Oil and Gas Production II	Oil & Gas Production I
Pathophysiology	Biology & Chemistry
Pharmacology	Biology & Chemistry
Practicum in Health Science	Principles of Health Science, Health Science Theory, & Biology
Practicum in Information Technologies	Minimum of two high school Information Technology (IT) courses
Practicum in Science, Technology, Engineering &	Oil & Gas Production II, Algebra I & Geometry
SRD / SRD Engineering	Biology, Chemistry, Integrated Physics & Chemistry (IPC), or Physics
Video Game Programming	Video Game Design
Advanced Video Game Programming	Video Game Programming



UISD Endorsements and Programs of Study Class of 2023 and Thereafter



Endorsement	Cluster	Program of Study	9th Grade		10th Grade		11th Grade	12th Grade	AHS	LBHS	UHS	USHS
			BIM I*	Art I	Art II	Art III	AP Studio Art	✓	✓	✓	✓	
Arts and Humanities	Fine Arts	Art [4]	BIM I*	Art I	Art II	Art III	AP Studio Art	✓	✓	✓	✓	
Arts and Humanities	Fine Arts	Dance [4]	BIM I*	Dance I	Dance II	Dance III	Dance IV	✓	✓			
Arts and Humanities	Fine Arts	Theatre Arts [4]	BIM I*	Theatre Arts I	Theatre Arts II	Theatre Arts III TheaterProduction I*	Theatre Arts IV Theater Production II*	✓		✓	✓	
Arts and Humanities	Fine Arts	Music [4]	BIM I*	Orchestra I / Instrumental Ensemble I	Orchestra II / Instrumental Ensemble II	Orchestra III / Instrumental Ensemble III	Orchestra IV / Instrumental Ensemble IV	✓				
Arts and Humanities	Fine Arts	Music [4]	BIM I*	Choir I / Vocal Ensemble I	Choir II / Vocal Ensemble II	Choir III / Vocal Ensemble III	Choir IV / Vocal Ensemble IV	✓		✓		
Arts and Humanities	Fine Arts	Music [4]	BIM I*	Band I / Instrumental Ensemble I	Band II / Instrumental Ensemble II	Band III / Instrumental Ensemble III	Band IV / Instrumental Ensemble IV	✓	✓	✓	✓	
Arts and Humanities	Languages Other Than English	Languages Other Than English [4]	BIM I*	Spanish I	Spanish II	Spanish III	AP Spanish IV / AP Spanish V	✓	✓	✓	✓	
Arts and Humanities	Languages Other Than English	Languages Other Than English [4]	BIM I*	French I	French II	Spanish I	Spanish II	✓			✓	
Arts and Humanities	Social Studies	Social Studies [5]	BIM I*	World Geography	World History	Psychology .5 Sociology .5, AP European History, Human Geo .5 or AP World History	U.S History	Government and Economics	✓	✓	✓	✓
Business & Industry CTE-004	Agriculture, Food and Natural Resources	Animal Science [4]	BIM I*	Prin. of Ag, Food & NR (1)	Small Animal Management (.5)	Livestock Production (1)	Advanced Animal Science (1)	✓	✓	✓	✓	
					Equine Science (.5)							
Business & Industry CTE-044	Energy	Oil and Gas Exploration & Production [4]	BIM I*		Oil and Gas Production I (1)	Oil and Gas Production II (1)	Oil and Gas Production IV (1)	✓	✓	✓	✓	
						Oil and Gas Production III (1)						
Business & Industry CTE-012	Architecture & Construction	Carpentry [5]	BIM I*		Principles of Construction (1)	Construction Tech I (2) (1 block)	Construction Tech II (2)		✓		✓	
Business & Industry CTE-034	Architecture & Construction	HVAC & Sheet Metal [5]	BIM I*		Principles of Construction (1)	Electrical Technology I (1) LC-Dual	HVAC & Refrigeration Technology II (2) LC - Dual	✓		✓		
						HVAC & Refrig Tech I (1) LC - Dual						
Business & Industry CTE-017	Arts, Audio/Video Technology & Communications	Digital Communications Audio Video [4]	BIM I*		Prin. of Arts, AV Tech & Comm (1)	Audio/Video Production I (1)	Audio/Video Production II/Lab (2)		✓	✓		
Business & Industry CTE-029	Arts, Audio/Video Technology & Communications	Design & Multimedia Arts Digital Media [4]	BIM I*		Prin. of Arts, AV Tech & Comm (1)	Animation I (1)	Animation II (1)	✓	✓	✓	✓	
												Digital Media (1)

Endorsement	Cluster	Program of Study	9th Grade		10th Grade		11th Grade		12th Grade		AHS	LBHS	UHS	USHS
Business & Industry CTE-029	Arts, Audio/Video Technology & Communications	Design & Multimedia Arts Graphic Design [4]	BIM I*		Prin. of Arts, AV Tech & Comm (1)		Graphic Design & Illustration I (1)		Graphic Design & Illustration II/Lab (2)		✓	✓	✓	✓
Business & Industry CTE-029	Arts, Audio/Video Technology & Communications	Design & Multimedia Arts Video Gaming [4]	BIM I*		Digital Media (1) Video Game Design (1)		Video Game Programming (1)		Advanced Video Game Programming (1)					✓
Business & Industry CTE-011	Business, Marketing & Finance	Business Management (4)	BIM I (1)		Prin. of Business, Marketing & Fin. (1)		BIM II (1) or Business Management (1)		Global Business (.5) Human Resource Management (.5)		✓	✓	✓	✓
Business & Industry CTE-001	Business, Marketing & Finance	Accounting & Financial Services Tax Accounting (4)	BIM I (1)		Accounting I (1)		Accounting II (1)		Financial Analysis (1) (VITA)		✓	✓	✓	✓
Business & Industry CTE-001	Business, Marketing & Finance	Accounting & Financial Services Finance (4)	BIM I (1)		Accounting I (1)		Money Matters (1)		Securities and Investments (1) or Financial Analysis (1) (VITA)		✓	✓	✓	✓
Business & Industry CTE-014	Hospitality and Tourism	Culinary Arts (5)	BIM I*		Introduction to Culinary Arts (1)		Culinary Arts (2) (1 block)		Advanced Culinary Art (2)		✓	✓	✓	✓
Business & Industry CTE-035	Information Technology	Information Technology Support & Services (4)	BIM I*		Principles of Information Technology (1)		Comp. Maintenance (1)		Computer Technician Practicum (2)			✓		
Business & Industry CTE-002	Manufacturing	Adv. Manufacturing & Machinery Mechanics (4)	BIM I*		Prin. of Applied Engineering (1)		Engineering Design & Presentation I (1) Robotics I (1)		Robotics II (1)		✓	✓	✓	✓
Business & Industry CTE-016	Transportation, Distribution and Logistics	Diesel & Heavy Equipment (5) LC Dual	BIM I*		Occupational Safety and Environmental Technology (1)		Diesel Equipment Technology I (2) LC Dual		Diesel Equipment Tech II (2) LC Dual			✓		
Business & Industry CTE-007	Transportation, Distribution and Logistics	Automotive Auto Repair (4)	BIM I*		Energy, Power, & Transportation Systems (1)		Automotive Basic (1)		Automotive Technology I (2)				✓	
Business & Industry CTE-007	Transportation, Distribution and Logistics	Automotive Collision Repair (4)	BIM I*		Energy, Power, & Transportation Systems (1)		Basic Collision Repair & Refinishing (1)		Collision Repair/Lab (2)					✓
Multidisciplinary	Foundation Subject Area	Foundation Subject Area [4]	BIM I*	English I Algebra I Biology World Geog.	English II Geometry Chemistry World History		English III Algebra II US History Physics		English IV Advanced Math Advanced Science Government and Economics		✓	✓	✓	✓
Multidisciplinary	Ap Courses or Dual Credit	AP Course/Dual Credit [4]	BIM I*	4 credits in Advanced Placement Courses OR 4 Dual credits Courses							✓	✓	✓	✓
Public Service CTE-050	Education & Training	Teaching and Training [4]	BIM I*		Principles of Education and Training (1)		Human Growth & Development (1)		Instructional Practices (2)		✓	✓	✓	✓

Endorsement	Cluster	Program of Study	9th Grade		10th Grade		11th Grade		12th Grade		AHS	LBHS	UHS	USHS
Public Service CTE-033	Health Science	Healthcare Therapeutic Services Health Professions (4)	BIM I*		Prin. of Health Science (1)		Medical Term (1)		Two courses from the following: Pathophysiology (1), Medical Microbiology (1), Anatomy & Physiology (1), or Pharmacology (1)		✓	✓	✓	✓
Public Service CTE-032	Health Science	Healthcare Diagnostics Clinicals (5)	BIM I*		Prin. of Health Science (1)		Health Science Theory (1)		Practicum in Health Science (2)			✓	✓	✓
Public Service CTE-033	Health Science	Healthcare Therapeutic Services Nurse Aide (6) - LC	BIM I*		Prin. of Health Science (1)		Anatomy & Physiology (1)		Health Sci.Theory (1) & Practicum of Health Science - CNA (2) LC Continuing Ed.		✓	✓		
Public Service CTE-021	Law and Public Service	Emergency Services EMT Basic (6) LC Dual	BIM I*		Prin. of Health Science (1)		Anatomy & Physiology (1) (LC Prereq)		Disaster Response (1) - Fall Emergency Medical Tech - Spring (2) LC Dual					✓
Public Service CTE-036	Law and Public Service	Law Enforcement (4)	BIM I*		Principles of Law, Public Safety, Corrections & Security (1)		Law Enforcement I (1) Correctional Services (1)		Law Enforcement II (1) or Forensic Science (1)		✓	✓	✓	✓
Public Service	Junior Reserve Officers Training Corps	Junior Reserve Officers Training Corps (4)	BIM I* & ROTC I	ROTC II	ROTC III	ROTC IV	ROTC III [LOCAL CREDIT]	ROTC IV [LOCAL CREDIT]	ROTC III [LOCAL CREDIT]	ROTC IV [LOCAL CREDIT]	✓	✓	✓	✓
STEM CTE-015	Science, Technology, Engineering and Math	CyberSecurity (4) LC Dual	BIM I (1)	Class of 2025			Principles of Information Tech (1) LC Dual		Practicum of Information Tech (2) LC Dual				✓	
STEM CTE-047	Science, Technology, Engineering and Math	Programming and Software Development (8)	BIM I		Fundamentals of Computer Sci. (1) Chemistry & Algebra II		Adv. Computer Science I (1) AP Computer Science Principles (1) Physics		AP Computer Science A (1)		✓		✓	✓
STEM	Science, Technology, Engineering and Math	Science (5)	BIM I*		Chemistry	Algebra II	Physics	Advanced Science	Advanced Science		✓	✓	✓	✓
STEM	Science, Technology, Engineering and Math	Math (5)	BIM I*			Algebra II Chemistry	Physics	Advanced Math	Advanced Math		✓	✓	✓	✓

Endorsement	Cluster	Program of Study	9th Grade	10th Grade	11th Grade	12th Grade	AHS	LBHS	UHS	USHS
Magnet Programs										
Public Service CTE-032	Health Science	Magnet: Healthcare Diagnostics	BIM I*	Principles of Health Science (1)	<u>Anatomy & Physiology (1)</u>	<u>Health Science Theory - Dental (1)</u>	<u>Practicum in Health Science (2)</u>	AP Science Course(1) & AP Math Course (1)	✓	
Business & Industry CTE-011	Business, Marketing & Finance	Magnet: Global Busi. & Adv. Technology - Business Management	BIM I (1)	Business Management (1)	Accounting I	Business Law (1)	Securities & Investments	Global Business (.5) and Human Resource Mgmt. (.5)	Practicum in Distribution and Logistics (2) LC Dual	✓
Business & Industry CTE-042	Information Technology	Magnet: Global Busi. & Adv. Tech - Networking Systems	BIM I*	Business Management	Networking (1) & Internetworking Technologies I (1)		Computer Maintenance/Lab (2) LC Dual	<u>Practicum in Information Technologies (2)</u> LC Dual		✓
STEM CTE-022	Science, Technology, Engineering and Math	Engineering	BIM I*	Principles of Applied Engineering (1)	<u>Engineering Design & Presentation I (1)</u> <u>Chemistry</u>	AP Computer Science Principles / Robotics I Algebra II	Physics	<u>SRO Engineering (1)</u>	AP Computer Science/ AP Math	<u>Engineering Design and Problem Solving (1)</u>
Courses in RED must be completed to earn the endorsement										
All endorsements require a 4th Math and a 4th Science										
Students must complete all courses listed in the sequence to earn the endorsement.										
Must complete the advanced CTE course in order to earn the endorsement.										
BIM I* = BIM I is not part of the coherent sequence for this endorsement.										
CTE bold & underlined courses bordered in red require successful completion of prerequisite course in order to earn credit. See attached.										
Theater Production I* and II* = Students may take these courses to complete the endorsement; teacher approval required.										
Magnet Programs - Courses in green font indicates courses that meet the Program of Study.										
A student receiving special education services may earn an endorsement if the student: Successfully completes all FHSP curriculum requirements for an endorsement including and additional math and science course: A) without modifications of the curriculum B.) with modifications of the curriculum, provided that the curriculum, as modified, is sufficiently rigorous as determined by the ARD committee. The ARD committee shall also determine whether the student is required to achieve satisfactory performance on an EOC assessment instrument to earn an endorsement.										

CTE Courses Prerequisites	
CTE Course	Prerequisite
Accounting II	Accounting I
Advanced Computer Science I	Algebra I and BIM I
Advance Culinary Arts	Culinary Arts
Advanced Video Game Programming	Video Game Programming
Anatomy & Physiology	Biology & a 2nd Science
Animation II	Animation I
AP Computer Science A	Algebra I, Algebra II, BIM I and Computer Science I or AP Computer Science Principles
AP Computer Science Principles	Algebra I and Bim I
Audio Video Production II/AVP Lab	Audio Video Production I
Advanced Animal Science	Animal Science; Biology and Chemistry or IPC; Algebra I and Geometry
Auto Technology I: Automotive Service	Automotive Basics
BIM II	BIM I
Collision Repair/Lab	Basic Collision Repair & Refinishing
Computer Technician Practicum	Computer Maintenance
Construction Technology II	Construction Technology I
Construction Technology I	Principles of Construction
Culinary Arts	Intro to Culinary Arts
Diesel Equipment Technology II	Diesel Equipment Technology I
Emergency Medical Tech Basic	Biology
Engineering Design and Presentation I	Algebra I
Engineering Design and Problem Solving	Algebra I & Geometry
Financial Analysis (VITA)	Accounting I
Forensic Science	Biology & Chemistry
Fundamental of Computer Science	Algebra I
Graphic Design & Illustration II/ Lab	Graphic Design & Illustration I
Health Science Theory / Health Science Theory- Dental	Principles of Health Science & Biology
HVAC and Refrigeration Technology II	HVAC & Refrigeration Technology I
Instructional Practices	Human Growth and Development
Livestock Production	Small Animal Management/Equie Science
Medical Microbiology	Biology & Chemistry
Oil and Gas Production II	Oil & Gas Production I
Oil and Gas Production III	Oil & Gas Production II
Oil and Gas Production IV	Oil & Gas Production III
Pathophysiology	Biology & Chemistry
Pharmacology	Biology & Chemistry
Practicum in Health Science	Principles of Health Science, Health Science Theory, & Biology
Practicum in Information Technologies	Minimum of two high school Information Technology (IT) courses
Practicum of Information Technologies (Web Development - LC)	Web Technologies & one high school IT Course
Robotics II	Robotics I

SRD / SRD Engineering	Biology, Chemistry, Integrated Physics & Chemistry (IPC), or Physics
Video Game Programming	Video Game Design



J. B. Alexander High School

Foundation High School Program with Distinguished Level of Achievement (DLA) and Endorsements



Four-Year Plan

Student Name: _____ ID #: _____ DOB: _____ Phone: _____

9th Grade	10th Grade	11th Grade	12th Grade
English I *	English II *	English III ** / English 1301 (D)	English IV ** / English 1302 (D) & English 2327 (D)
Algebra I * / Geometry*/Algebra II*	Geometry * / Algebra II* /Advanced Math	Algebra II * (Required for DLA) /Advanced Math	Advanced Math / College Math (D)
Biology *	IPC / Chemistry *	Chemistry * / Physics *	Physics * / Advanced Science
World Geography * / EOC Intervention	World History *	US History ** / US History 1302 (D)	Government ** / Economics **
Language Other Than English / EOC Intervention	Language Other Than English / EOC Intervention	Language Other Than English / Elective	Endorsement Elective
P.E. / Athletics / Band / Cheerleading / Dance / ROTC	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective
Athletics / Band / Cheerleading / Dance / ROTC / High School 101	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective
Business Information Management I	Endorsement Elective	Endorsement Elective	Endorsement Elective
Fine Arts / EOC Intervention	Elective / EOC Intervention	Endorsement Elective / College Readiness Course or EOC Intervention	Elective / EOC Intervention
Speech / Health	Elective / EOC Intervention	Elective / EOC Intervention	Elective / EOC Intervention

Course Availability: * = PRE-AP/**= AP / (D)= Dual Enrollment

CTE Electives	CTE Electives	CTE Electives	Electives	Electives
Science Technology Engineering & Math (STEM)	Business & Industry	Public Service	Arts & Humanities	Multidisciplinary Studies
___ Engineering #	___ Administrative & Information Support ___ Agricultural Mechanics # ___ Culinary ___ Finance	___ Education # ___ Health Profession # ___ Law Enforcement	___ Art ___ Languages Other Than English (LOTE) ___ Music ___ Social Studies ___ Theatre Arts	___ Advanced Placement (AP) Courses ___ Foundation Subject Area
Non CTE Electives	___ Graphic Design # ___ Oil and Gas Production # ___ Tax Accounting ___ Web Digital Media	Non CTE Electives ___ Junior ROTC		
___ Mathematics ___ Science				
STAAR EOC Checklist	College Readiness Tests	College Readiness Tests	Financial Aid	Post Secondary Plans
___ English I ___ Biology ___ English II ___ U.S. History ___ Algebra I	___ ASPIRE ___ SAT ___ PSAT ___ ACT	___ TSI ___ Math ___ Reading ___ Writing	___ FAFSA ___ TAFSA ___ Scholarships	___ 2 year college ___ Military ___ 4 year college ___ Other ___ Certification / License

Endorsement Choices: 1st _____ 2nd _____ 3rd _____

This endorsement is limited in enrollment due to specialized staffing.

Student's Signature: _____ Parent's Signature: _____ Counselor's Signature: _____
Date: _____ Date: _____ Date: _____

Parent's Initials for PGP plan and or Endorsement revisions
Date: _____

FOR OFFICE USE ONLY

9th Grade CTE Indicator Code:	10th Grade CTE Indicator Code:	11th Grade CTE Indicator Code:	12th Grade CTE Indicator Code:
___0___1___2	___0___1___2	___0___1___2	___0___1___2

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Lyndon B. Johnson High School
Foundation High School Program with Distinguished Level of Achievement (DLA) and Endorsements
Four-Year Plan



Student Name: _____ ID #: _____ DOB: _____ Phone: _____

9th Grade	10th Grade	11th Grade	12th Grade
English I*	English II*	English III**/English 1301 (D)	English IV** / English 1302 (D) & English 2327 (D)
Algebra I*/Geometry*/Algebra II*	Geometry*/Algebra II*/Advanced Math	Algebra II* (Required for DLA) / Advanced Math	Advanced Math / College Math (D)
Biology*	IPC / Chemistry*	Chemistry* / Physics*	Physics* / Advanced Science
World Geography*/ EOC Intervention	World History*	US History** / US History 1302 (D)	Government** / Economics**
Language Other Than English / EOC Intervention	Language Other Than English / EOC Intervention	Language Other Than English / Elective	Endorsement Elective
P.E. / Athletics / Band / Cheerleading / Dance / ROTC	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective
Athletics / Band / Cheerleading / Dance / ROTC / High School 101	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective
Business Information Management I	Endorsement Elective	Endorsement Elective	Endorsement Elective
Fine Arts / EOC Intervention	Elective / EOC Intervention	Endorsement Elective / College Readiness Course or EOC Intervention	Elective / EOC Intervention
Speech / Health	Elective / EOC Intervention	Elective / EOC Intervention	Elective / EOC Intervention

Course Availability: * = PRE-AP/** = AP / (D) = Dual Enrollment

CTE Electives	CTE Electives	CTE Electives	Electives	Electives
Science Technology Engineering & Math (STEM)	Business & Industry	Public Service	Arts & Humanities	Multidisciplinary Studies
_____ Engineering # _____ Mathematics _____ Science	_____ Administrative & Information Support _____ AV Technology and Film # _____ Computer Programming # _____ Construction Technology # _____ Culinary _____ Finance _____ Graphic Design _____ Oil & Gas Production # _____ Tax Accounting _____ Web Digital Media	_____ Education # _____ Health Profession _____ Law Enforcement _____ Non CTE Electives _____ Junior ROTC	_____ Art _____ Dance _____ Languages Other Than English (LOTE) _____ Music _____ Social Studies	_____ Advanced Placement (AP) Courses _____ Foundation Subject Area

STAAR EOC Checklist	College Readiness Tests	College Readiness Tests	Financial Aid	Post Secondary Plans
_____ English I _____ Biology _____ English II _____ U.S. History _____ Algebra I	_____ ASPIRE _____ ACT _____ PSAT _____ SAT	_____ TSI _____ Math _____ Reading _____ Writing	_____ FAFSA _____ TAFSA _____ Scholarships	_____ 2 year college _____ Military _____ 4 year college _____ Other _____ Certification / License

Endorsement Choices: 1st _____ 2nd _____ 3rd _____
 # This endorsement is limited in enrollment due to specialized staffing.

Student's Signature: _____ Date: _____	Parent's Signature: _____ Date: _____	Counselor's Signature: _____ Date: _____
Parent's Initials for PGP plan and or Endorsement revisions Date: _____	Parent's Initials for PGP plan and or Endorsement revisions Date: _____	Parent's Initials for PGP plan and or Endorsement revisions Date: _____

FOR OFFICE USE ONLY			
9th Grade CTE Indicator Code: _____0____1____2	10th Grade CTE Indicator Code: _____0____1____2	11th Grade CTE Indicator Code: _____0____1____2	12th Grade CTE Indicator Code: _____0____1____2

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United High School

Foundation High School Program with Distinguished Level of Achievement (DLA) and Endorsements Four-Year Plan



Student Name: _____ ID #: _____ DOB: _____ Phone: _____

9th Grade	10th Grade	11th Grade	12th Grade
English I*	English II*	English III**/ English 1301 (D)	English IV**/ English 1302 (D) and English 2327 (D)
Algebra I*/Geometry*/Algebra II*	Geometry*/Algebra II*/Advanced Math	Algebra II* (Required for DLA)/Advanced Math	Advanced Math/College Math (D)
Biology*	IPC/Chemistry*	Chemistry*/Physics*	Physics*/Advanced Science
World Geography*/EOC Intervention	World History*	US History**/US History 1302 (D)	Government**/Economics**
Language Other Than English/EOC Intervention	Language Other Than English/EOC Intervention	Language Other Than English/Elective	Endorsement Elective
P.E./Athletics/Band/Cheerleading/Dance/ROTC	Athletics/Band/Cheerleading/Dance/ROTC/Elective	Athletics/Band/Cheerleading/Dance/ROTC/Elective	Athletics/Band/Cheerleading/Dance/ROTC/Elective
Athletics/Band/Cheerleading/Dance/ROTC/High School 101	Athletics/Band/Cheerleading/Dance/ROTC/Elective	Athletics/Band/Cheerleading/Dance/ROTC/Elective	Athletics/Band/Cheerleading/Dance/ROTC/Elective
Business Information Management I	Endorsement Elective	Endorsement Elective	Endorsement Elective
Fine Arts/EOC Intervention	Elective/EOC Intervention	Endorsement Elective/College Readiness Course or EOC Intervention	Elective/EOC Intervention
Speech/Health	Elective/EOC Intervention	Elective/EOC Intervention	Elective/EOC Intervention

Course Availability: * = PRE-AP/** = AP / (D) = Dual Enrollment

CTE Electives	CTE Electives	CTE Electives	Electives	Electives
Science Technology Engineering & Math (STEM)	Business & Industry	Public Service	Arts & Humanities	Multidisciplinary Studies
_____ Engineering # _____ Administrative & Information Support _____ Agricultural Mechanics _____ Automotive Technology # _____ AV Technology & Film _____ Computer Networking # _____ Culinary _____ Finance _____ Graphic Design # _____ Oil and Gas Production # _____ Refrigeration #	_____ Tax Accounting _____ Web Digital Media	_____ Education # _____ Health Profession # _____ Law Enforcement _____ Junior ROTC	_____ Art _____ Languages Other Than English (LOTE) _____ Music _____ Social Studies _____ Theatre Arts	_____ Advanced Placement (AP) Courses _____ Foundation Subject Area
Non CTE Electives		Non CTE Electives		
_____ Mathematics _____ Science				
STAAR EOC Checklist	College Readiness Tests	College Readiness Tests	Financial Aid	Post Secondary Plans
_____ English I _____ Biology _____ ASPIRE _____ SAT _____ English II _____ U.S. History _____ PSAT _____ ACT _____ Algebra I		_____ TSI _____ Math _____ Reading _____ Writing	_____ FAFSA _____ TAFSA _____ Scholarships	_____ 2 year college _____ Military _____ 4 year college _____ Other _____ Certification / License

Endorsement Choices: 1st _____ 2nd _____ 3rd _____

This endorsement is limited in enrollment due to specialized staffing.

Student's Signature: _____ Date: _____
 Parent's Signature: _____ Date: _____
 Counselor's Signature: _____ Date: _____

Parent's Initials for PGP plan and/or Endorsement revisions
 Date _____

FOR OFFICE USE ONLY

9th Grade CTE Indicator Code:	10th Grade CTE Indicator Code:	11th Grade CTE Indicator Code:	12th Grade CTE Indicator Code:
____0____1____2	____0____1____2	____0____1____2	____0____1____2

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United South High School

Foundation High School Program with Distinguished Level of Achievement (DLA) and Endorsements
Four-Year Plan



Student Name: _____ ID #: _____ DOB: _____ Phone: _____

9th Grade	10th Grade	11th Grade	12th Grade
English I*	English II*	English III** / English 1301 (D)	English IV** / English 1302 (D) & English 2327 (D)
Algebra I* / Geometry* / Algebra II*	Geometry* / Algebra II* / Advanced Math	Algebra II* (Required for DLA) / Advanced Math	Advanced Math / College Math (D)
Biology*	IPC / Chemistry*	Chemistry* / Physics*	Physics* / Advanced Science
World Geography* / EOC Intervention	World History*	US History** / US History 1302 (D)	Government** / Economics**
Language Other Than English / EOC Intervention	Language Other Than English / EOC Intervention	Language Other Than English / Elective	Endorsement Elective
P.E. / Athletics / Band / Cheerleading / Dance / ROTC	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective
Athletics / Band / Cheerleading / Dance / ROTC / High School 101	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective
Business Information Management I	Endorsement Elective	Endorsement Elective	Endorsement Elective
Fine Arts / EOC Intervention	Elective / EOC Intervention	Endorsement Elective / College Readiness course or EOC Intervention	Elective / EOC Intervention
Speech / Health	Elective / EOC Intervention	Elective / EOC Intervention	Elective / EOC Intervention

Course Availability: * = PRE-AP / ** = AP / (D) = Dual Enrollment

CTE Electives	CTE Electives	CTE Electives	Electives	Electives
Science Technology Engineering & Math (STEM)	Business & Industry	Public Service	Arts & Humanities	Multidisciplinary Studies
Engineering #	Administrative & Information Support Agricultural Mechanics Automotive Collision Repair # AV Technology & Film (UT On-Ramps) Construction Technology # Culinary #	Education # Health Profession # Law Enforcement	Art Languages Other Than English (LOTE) Music Social Studies Theatre Arts	Advanced Placement (AP) Courses Foundation Subject Area
Non CTE Electives	Finance	Non CTE Electives		
Mathematics Science	Graphic Design # Oil & Gas Production # Tax Accounting Video Gaming # Web Digital Media	Junior ROTC		
STAAR EOC Checklist	College Readiness Tests	College Readiness Tests	Financial Aid	Post Secondary Plans
English I Biology English II U.S. History Algebra I	ASPIRE ACT PSAT SAT	TSI Math Reading Writing	FAFSA TAFSA Scholarships	2 year college Military 4 year college Other Certification / License

Endorsement Choices: 1st _____ 2nd _____ 3rd _____

This endorsement is limited in enrollment due to specialized staffing.

Student's Signature: _____ Parent's Signature: _____ Counselor's Signature: _____
Date: _____ Date: _____ Date: _____

Parent's Initials for PGP plan and/or Endorsement revisions
Date: _____ Date: _____ Date: _____ Date: _____

FOR OFFICE USE ONLY

9th Grade CTE Indicator Code:	10th Grade CTE Indicator Code:	11th Grade CTE Indicator Code:	12th Grade CTE Indicator Code:
__0__1__2	__0__1__2	__0__1__2	__0__1__2

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J. B. Alexander High School

Foundation High School Program with Distinguished Level of Achievement (DLA) and Endorsements

Four-Year Plan



Student Name: _____ ID #: _____ DOB: _____ Phone: _____

9th Grade	10th Grade	11th Grade	12th Grade
English I *	English II *	English III ** / English 1301 (D)	English IV ** / English 1302 (D) & English 2327 (D)
Algebra I * / Geometry / Algebra II *	Geometry * / Algebra II * / Advanced Math	Algebra II * (Required for DLA) / Advanced Math	Advanced Math / College Math (D)
Biology *	IPC / Chemistry *	Chemistry * / Physics *	Physics * / Advanced Science
World Geography * / EOC Intervention	World History *	US History ** / US History 1302 (D)	Government ** / Economics **
Language Other Than English / EOC Intervention	Language Other Than English / EOC Intervention	Language Other Than English / Elective	Endorsement Elective
P.E. / Athletics / Band / Cheerleading / Dance / ROTC	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective
Athletics / Band / Cheerleading / Dance / ROTC / High School 101	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective
Business Information Management I	Endorsement Elective	Endorsement Elective	Endorsement Elective
Fine Arts / EOC Intervention	Elective / EOC Intervention	Endorsement Elective / College Readiness Course or EOC Intervention	Elective / EOC Intervention
Speech / Health	Elective / EOC Intervention	Elective / EOC Intervention	Elective / EOC Intervention

Course Availability: * = PRE-AP / ** = AP / (D) = Dual Enrollment

CTE Electives	CTE Electives	CTE Electives	Electives	Electives
Science Technology Engineering & Math (STEM)	Business & Industry	Public Service	Arts & Humanities	Multidisciplinary Studies
<input type="checkbox"/> Programming and Software Development <input type="checkbox"/> Mathematics <input type="checkbox"/> Science	Animal Science Accounting & Financial Services Finance Accounting & Financial Services Tax Accounting Adv. Manufacturing & Machinery Mechanics Business Management Culinary Arts Design & Multimedia Arts Digital Media Design & Multimedia Arts Graphic Design Oil and Gas Exploration & Production	Health Therapeutic Services Health Profession Health Therapeutic Services Nurse Aide Law Enforcement Teaching and Training Non CTE Electives Junior ROTC	Art Dance Languages Other Than English (LOTE) Music Social Studies Theatre Arts	Advanced Placement (AP) Courses Foundation Subject Area

STAAR EOC Checklist	College Readiness Tests	College Readiness Tests	Financial Aid	Post Secondary Plans
<input type="checkbox"/> English I <input type="checkbox"/> English II <input type="checkbox"/> Algebra I <input type="checkbox"/> Biology <input type="checkbox"/> U.S. History	<input type="checkbox"/> ASPIRE <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ACT	<input type="checkbox"/> TSI <input type="checkbox"/> Math <input type="checkbox"/> Reading <input type="checkbox"/> Writing	<input type="checkbox"/> FAFSA <input type="checkbox"/> TAFSA <input type="checkbox"/> Scholarships	<input type="checkbox"/> 2 year college <input type="checkbox"/> 4 year college <input type="checkbox"/> Certification / License <input type="checkbox"/> Military <input type="checkbox"/> Other

Endorsement Choices: 1st _____ 2nd _____ 3rd _____

Student's Signature: _____ Date: _____ Parent's Signature: _____ Date: _____ Counselor's Signature: _____ Date: _____

Parent's Initials for PGP plan and or Endorsement revisions Date: _____ Parent's Initials for PGP plan and or Endorsement revisions Date: _____ Parent's Initials for PGP plan and or Endorsement revisions Date: _____ Parent's Initials for PGP plan and or Endorsement revisions Date: _____

FOR OFFICE USE ONLY

9th Grade CTE Indicator Code:	10th Grade CTE Indicator Code:	11th Grade CTE Indicator Code:	12th Grade CTE Indicator Code:
__0__1__2	__0__1__2	__0__1__2	__0__1__2

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Lyndon B. Johnson High School
Foundation High School Program with Distinguished Level of Achievement (DLA) and Endorsements
Four-Year Plan



Student Name: _____ ID #: _____ DOB: _____ Phone: _____

9th Grade	10th Grade	11th Grade	12th Grade
English I*	English II*	English III**/English 1301 (D)	English IV** / English 1302 (D) & English 2327 (D)
Algebra I* /Geometry* / Algebra II*	Geometry*/Algebra II*/ Advanced Math	Algebra II* (Required for DLA) / Advanced Math	Advanced Math / College Math (D)
Biology*	IPC / Chemistry*	Chemistry* / Physics*	Physics* / Advanced Science
World Geography*/ EOC Intervention	World History*	US History** / US History 1302 (D)	Government** / Economics**
Language Other Than English / EOC Intervention	Language Other Than English / EOC Intervention	Language Other Than English / Elective	Endorsement Elective
P.E. / Athletics / Band / Cheerleading / Dance / ROTC	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective
Athletics / Band / Cheerleading / Dance / ROTC / High School 101	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective
Business Information Management I	Endorsement Elective	Endorsement Elective	Endorsement Elective
Fine Arts / EOC Intervention	Elective / EOC Intervention	Endorsement Elective / College Readiness Course or EOC Intervention	Elective / EOC Intervention
Speech / Health	Elective / EOC Intervention	Elective / EOC Intervention	Elective / EOC Intervention

Course Availability:* = PRE-AP/**= AP / (D)= Dual Enrollment

CTE Electives	CTE Electives	CTE Electives	Electives	Electives
Science Technology Engineering & Math (STEM)	Business & Industry	Public Service	Arts & Humanities	Multidisciplinary Studies
	Accounting & Financial Services Finance Accounting & Financial Services Tax Accounting Adv. Manufacturing & Machinery Mechanics Animal Science Business Management	Healthcare Diagnostics Clinicals Healthcare Therapeutic Services Health Profession Healthcare Therapeutic Services Nurse Aide Law Enforcement Teaching and Training	Art Dance Languages Other Than English (LOTE) Music Social Studies	Advanced Placement (AP) Courses Foundation Subject Area
Non CTE Electives	Carpentry Culinary Arts Design & Multimedia Arts Digital Media Design & Multimedia Arts Graphic Design Diesel & Heavy Equipment Digital Communications Audio Video Information Technology Support & Services Oil and Gas Exploration & Production	Non CTE Electives		
Mathematics Science		Junior ROTC		
STAAR EOC Checklist	College Readiness Tests	College Readiness Tests	Financial Aid	Post Secondary Plans
English I Biology English II U.S. History Algebra I	ASPIRE ACT PSAT SAT	TSI Math Reading Writing	FAFSA TAFSA Scholarships	2 year college Military 4 year college Other Certification / License

Endorsement Choices: 1st _____ 2nd _____ 3rd _____
 * This endorsement is limited in enrollment due to specialized staffing.

Student's Signature: _____ Date: _____
 Parent's Signature: _____ Date: _____
 Counselor's Signature: _____ Date: _____

Parent's initials for PGP plan and or Endorsement revisions Date: _____
 Parent's initials for PGP plan and or Endorsement revisions Date: _____
 Parent's initials for PGP plan and or Endorsement revisions Date: _____
 Parent's initials for PGP plan and or Endorsement revisions Date: _____

FOR OFFICE USE ONLY			
9th Grade CTE Indicator Code:	10th Grade CTE Indicator Code:	11th Grade CTE Indicator Code:	12th Grade CTE Indicator Code:
__0__1__2	__0__1__2	__0__1__2	__0__1__2

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United High School



Foundation High School Program with Distinguished Level of Achievement (DLA) and Endorsements
Four-Year Plan

Student Name: _____ ID #: _____ DOB: _____ Phone: _____

9th Grade	10th Grade	11th Grade	12th Grade
English I*	English II*	English III **/ English 1301 (D)	English IV** / English 1302 (D) and English 2327 (D)
Algebra I*/Geometry*/Algebra II*	Geometry*/Algebra II*/Advanced Math	Algebra II* (Required for DLA) /Advanced Math	Advanced Math / College Math (D)
Biology*	IPC / Chemistry*	Chemistry*/Physics*	Physics*/Advanced Science
World Geography*/ EOC Intervention	World History*	US History** / US History 1302 (D)	Government** / Economics **
Language Other Than English / EOC Intervention	Language Other Than English / EOC Intervention	Language Other Than English / Elective	Endorsement Elective
P.E. / Athletics / Band / Cheerleading / Dance / ROTC	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective
Athletics / Band / Cheerleading / Dance / ROTC / High School 101	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective
Business Information Management I	Endorsement Elective	Endorsement Elective	Endorsement Elective
Fine Arts / EOC Intervention	Elective / EOC Intervention	Endorsement Elective / College Readiness Course or EOC Intervention	Elective / EOC Intervention
Speech / Health	Elective / EOC Intervention	Elective / EOC Intervention	Elective / EOC Intervention

Course Availability: * = PRE-AP/** = AP / (D) = Dual Enrollment

CTE Electives	CTE Electives	CTE Electives	Electives	Electives
Science Technology Engineering & Math (STEM)	Business & Industry	Public Service	Arts & Humanities	Multidisciplinary Studies
<input type="checkbox"/> Cyber Security <input type="checkbox"/> Programming and Software Development	<input type="checkbox"/> Accounting & Financial Services Finance <input type="checkbox"/> Accounting & Financial Services Tax Accounting <input type="checkbox"/> Adv. Manufacturing & Machinery Mechanics <input type="checkbox"/> Automotive Auto Repair <input type="checkbox"/> Animal Science <input type="checkbox"/> Business Management <input type="checkbox"/> Culinary Arts <input type="checkbox"/> Design & Multimedia Arts Digital Media <input type="checkbox"/> Design & Multimedia Arts Graphic Design <input type="checkbox"/> Digital Communications Audio Video	<input type="checkbox"/> Healthcare Diagnostics Clinicals <input type="checkbox"/> Healthcare Therapeutic Services Health Profession <input type="checkbox"/> Law Enforcement <input type="checkbox"/> Teaching and Training	<input type="checkbox"/> Art <input type="checkbox"/> Languages Other Than English (LOTE) <input type="checkbox"/> Music <input type="checkbox"/> Social Studies <input type="checkbox"/> Theatre Arts	<input type="checkbox"/> Advanced Placement (AP) Courses <input type="checkbox"/> Foundation Subject Area
Non CTE Electives	<input type="checkbox"/> HVAC & Sheet Metal <input type="checkbox"/> Oil & Gas Exploration & Production	Non CTE Electives		
<input type="checkbox"/> Mathematics <input type="checkbox"/> Science		<input type="checkbox"/> Junior ROTC		

STAAR EOC Checklist	College Readiness Tests	College Readiness Tests	Financial Aid	Post Secondary Plans
<input type="checkbox"/> English I <input type="checkbox"/> Biology <input type="checkbox"/> English II <input type="checkbox"/> U.S. History <input type="checkbox"/> Algebra I	<input type="checkbox"/> ASPIRE <input type="checkbox"/> SAT <input type="checkbox"/> PSAT <input type="checkbox"/> ACT	<input type="checkbox"/> TSI <input type="checkbox"/> Math <input type="checkbox"/> Reading <input type="checkbox"/> Writing	<input type="checkbox"/> FAFSA <input type="checkbox"/> TAFSA <input type="checkbox"/> Scholarships	<input type="checkbox"/> 2 year college <input type="checkbox"/> Military <input type="checkbox"/> 4 year college <input type="checkbox"/> Other <input type="checkbox"/> Certification / License

Endorsement Choices: 1st _____ 2nd _____ 3rd _____

Student's Signature: _____ Date: _____
 Parent's Signature: _____ Date: _____
 Counselor's Signature: _____ Date: _____

Parent's Initials for PGP plan and or Endorsement revisions Date _____
 Parent's Initials for PGP plan and or Endorsement revisions Date _____
 Parent's Initials for PGP plan or Endorsement revisions Date _____
 Parent's Initials for PGP plan or Endorsement revisions Date _____

FOR OFFICE USE ONLY			
9th Grade CTE Indicator Code:	10th Grade CTE Indicator Code:	11th Grade CTE Indicator Code:	12th Grade CTE Indicator Code:
__0__1__2	__0__1__2	__0__1__2	__0__1__2

Note: The District does not discriminate on the basis of race, color, religion, sex, gender, national origin, disability or association with an individual with a disability, or age in its programs and activities and provides equal access to the Boys Scouts and other designated youth groups or any other basis prohibited by law.



United South High School



Foundation High School Program with Distinguished Level of Achievement (DLA) and Endorsements
Four-Year Plan

Student Name: _____ ID #: _____ DOB: _____ Phone: _____

9th Grade	10th Grade	11th Grade	12th Grade
English I*	English II*	English III** / English 1301 (D)	English IV** / English 1302 (D) & English 2327 (D)
Algebra I* / Geometry* / Algebra II*	Geometry* / Algebra II* / Advanced Math	Algebra II* (Required for DLA) / Advanced Math	Advanced Math / College Math (D)
Biology*	IPC / Chemistry*	Chemistry* / Physics*	Physics* / Advanced Science
World Geography* / EOC Intervention	World History*	US History** / US History 1302 (D)	Government** / Economics**
Language Other Than English / EOC Intervention	Language Other Than English / EOC Intervention	Language Other Than English / Elective	Endorsement Elective
P.E. / Athletics / Band / Cheerleading / Dance / ROTC	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective
Athletics / Band / Cheerleading / Dance / ROTC / High School 101	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective	Athletics / Band / Cheerleading / Dance / ROTC / Elective
Business Information Management I	Endorsement Elective	Endorsement Elective	Endorsement Elective
Fine Arts / EOC Intervention	Elective / EOC Intervention	Endorsement Elective / College Readiness Course or EOC Intervention	Elective / EOC Intervention
Speech / Health	Elective / EOC Intervention	Elective / EOC Intervention	Elective / EOC Intervention

Course Availability: * = PRE-AP/** = AP / (D) = Dual Enrollment

CTE Electives	CTE Electives	CTE Electives	Electives	Electives
Science Technology Engineering & Math (STEM)	Business & Industry	Public Service	Arts & Humanities	Multidisciplinary Studies
<input type="checkbox"/> Programming and Software Development	<input type="checkbox"/> Accounting & Financial Services Finance <input type="checkbox"/> Accounting & Financial Services Tax Accounting <input type="checkbox"/> Adv. Manufacturing & Machinery/Mechanics <input type="checkbox"/> Animal Science <input type="checkbox"/> Automotive Collision Repair <input type="checkbox"/> Business Management	<input type="checkbox"/> Emergency Services EMT Basic <input type="checkbox"/> Healthcare Diagnostics Clinicals <input type="checkbox"/> Healthcare Therapeutic Services Health Profession <input type="checkbox"/> Law Enforcement <input type="checkbox"/> Teaching and Training	<input type="checkbox"/> Art <input type="checkbox"/> Languages Other Than English (LOTE) <input type="checkbox"/> Music <input type="checkbox"/> Social Studies <input type="checkbox"/> Theatre Arts	<input type="checkbox"/> Advanced Placement (AP) Courses <input type="checkbox"/> Foundation Subject Area
Non CTE Electives	<input type="checkbox"/> Carpentry <input type="checkbox"/> Culinary Arts <input type="checkbox"/> Design & Multimedia Arts Digital Media <input type="checkbox"/> Design & Multimedia Arts Graphic Design <input type="checkbox"/> Design & Multimedia Arts Video Gaming <input type="checkbox"/> Oil & Gas Exploration & Production	Non CTE Electives		
<input type="checkbox"/> Mathematics <input type="checkbox"/> Science		<input type="checkbox"/> Junior ROTC		
STAAR EOC Checklist	College Readiness Tests	College Readiness Tests	Financial Aid	Post Secondary Plans
<input type="checkbox"/> English I <input type="checkbox"/> Biology <input type="checkbox"/> English II <input type="checkbox"/> U.S. History <input type="checkbox"/> Algebra I	<input type="checkbox"/> ASPIRE <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT	<input type="checkbox"/> TSI <input type="checkbox"/> Math <input type="checkbox"/> Reading <input type="checkbox"/> Writing	<input type="checkbox"/> FAFSA <input type="checkbox"/> TAFSA <input type="checkbox"/> Scholarships	<input type="checkbox"/> 2 year college <input type="checkbox"/> Military <input type="checkbox"/> 4 year college <input type="checkbox"/> Other <input type="checkbox"/> Certification / License

Endorsement Choices: 1st _____ 2nd _____ 3rd _____

Student's Signature: _____ Date: _____
 Parent's Signature: _____ Date: _____
 Counselor's Signature: _____ Date: _____

____ Parent's initials for PGP plan and or Endorsement revisions Date _____
 ____ Parent's initials for PGP plan and or Endorsement revisions Date _____
 ____ Parent's initials for PGP plan or Endorsement revisions Date _____
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FOR OFFICE USE ONLY

9th Grade CTE Indicator Code:	10th Grade CTE Indicator Code:	11th Grade CTE Indicator Code:	12th Grade CTE Indicator Code:
__0__1__2	__0__1__2	__0__1__2	__0__1__2

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FHSP- Distinguished Level of Achievement

For Ninth Graders entering high school in 2014-2015 and thereafter

Courses	Credits
English Language Arts	4 Credits
Substitute ESOL I and II for ENG I and II for students who are at the beginning or intermediate level on TELPAS 1 (B) or 2 (I) or/ Oral Language Proficiency Test Levels I -III	English I (Required EOC Test)
	English II (Required EOC Test)
	English III
	English IV
Mathematics	4 Credits
Must include Algebra I and Geometry *DLA Requirement	Algebra I (Required EOC Test)
	Geometry
	*Algebra II
	*4th credit in Mathematics [Endorsement Requirement]
Science	4 Credits
Must include Biology Algebra I is a prerequisite for Chemistry *DLA Requirement	Biology (Required EOC Test)
	IPC or Chemistry
	Chemistry or Physics
	*Additional Science [Endorsement Requirement]
Social Studies	4 Credits
	World Geography
	World History
	U.S. History (Required EOC Test)
	U.S. Government and Economics
Languages other than English (LOTE)	2 Credits
Credits must be in the same language . Students may substitute LOTE credits as stated in Chapter 74. Students with a disability may substitute these credits with other academic electives as per IEP.	Spanish
	French
	Computer programming languages - Pre-AP Computer I, AP Computer Science, and/or AP Computer Science Principles
Physical Education	1 Credit
Student may choose from these courses to equal 1 credit **	Foundation of Fitness ½ **
	Aerobics ½ **
May substitute through participation in:	Individual Sports or Team Sports ½ **
Athletics 4 Credits	Adventure Outdoor/Education ½**
ROTC I 1 Credits	
Dance Team 9th Grade 1 Credit	PE requirement may be substituted by an Academic Elective due to special circumstances [IEP or 504]
Cheerleading 9th Grade 1 Credit	
Marching Band I 9th Grade 1 Credit	
Health	½ Credit
Technology Applications	1 Credit
	BIM I
Fine Arts	1 Credit
Speech	½ Credit
	Communication Application / Professional Communications
Electives	8 Credits
TOTAL:	30 Credits

Guidance and Counseling Dept

As of July 23, 2019



Foundation High School Program with Endorsement

For Ninth Graders entering high school in 2014-2015 and thereafter

Courses	Credits
English Language Arts	4 Credits
Substitute ESOL I and II for ENG I and II for students who are at the beginning or intermediate level on TELPAS 1 (B) or 2 (I) or/ Oral Language Proficiency Test Levels I -III	English I (Required EOC Test)
	English II (Required EOC Test)
	English III
	English IV
Mathematics	4 Credits
Must include Algebra I and Geometry	Algebra I (Required EOC Test)
	Geometry
	Math Models or Algebra II
	4th credit in Mathematics [Endorsement Requirement]
Science	4 Credits
Must include Biology Algebra I is a prerequisite for Chemistry	Biology (Required EOC Test)
	IPC or Chemistry
	Chemistry or Physics
	Additional Science [Endorsement Requirement]
Social Studies	4 Credits
	World Geography
	World History
	U.S. History (Required EOC Test)
	U.S. Government and Economics
Languages other than English (LOTE)	2 Credits
Credits must be in the same language. Students may substitute LOTE credits as stated in Chapter 74. Students with a disability may substitute these credits with other academic electives as per IEP.	Spanish
	French
	Computer programming languages - Pre-AP Computer I, AP Computer Science, and/or AP Computer Science Principles
Physical Education	1 Credit
Student may choose from these courses to equal 1 credit **	Foundation of Fitness ½ **
	Aerobics ½ **
May also substitute through participation in:	Individual Sports or Team Sports ½ **
Athletics 4 Credits	Adventure Outdoor/Education ½**
ROTC I 1 Credits	
Dance Team 9th Grade 1 Credit	PE requirement may be substituted by an Academic Elective due to special circumstances [IEP or 504]
Cheerleading 9th Grade 1 Credit	
Marching Band I 9th Grade 1 Credit	
Health	½ Credit
Technology Applications	1 Credit
	BIM I
Fine Arts	1 Credit
Speech	½ Credit
	Communication Application / Professional Communications
Electives	8 Credits
TOTAL:	30 Credits

Guidance and Counseling Dept

As of July 23, 2019



Foundation High School Program

For Ninth Graders entering high school in 2014-2015 and thereafter

Courses	Credits
English Language Arts	4 Credits
Substitute ESOL I and II for ENG I and II for students who are at the beginning or intermediate level on TELPAS 1 (B) or 2 (I) or/ Oral Language Proficiency Test Levels I-III	English I (Required EOC Test)
	English II (Required EOC Test)
	English III
	English IV
Mathematics	3 Credits
Must include Algebra I and Geometry	Algebra I (Required EOC Test)
	Geometry
	Math Models or Additional Math
Science	3 Credits
Must include Biology Algebra I is a prerequisite for Chemistry	Biology (Required EOC Test)
	IPC or Chemistry
	Additional Science
Social Studies	4 Credits
	World Geography
	World History
	U.S. History (Required EOC Test)
	U.S. Government and Economics
Languages other than English (LOTE)	2 Credits
Credits must be in the same language. Students may substitute LOTE credits as stated in Chapter 74. Students with a disability may substitute these credits with other academic electives as per IEP.	Spanish
	French
	Computer programming languages - Pre-AP Computer I, AP Computer Science, and/or AP Computer Science Principles
Physical Education	1 Credit
Student may choose from these courses to equal 1 credit **	Foundation of Fitness ½ **
	Aerobics ½ **
May also substitute through participation in:	Individual Sports or Team Sports ½ **
Athletics 4 Credits	Adventure Outdoor/Education ½**
ROTC I 1 Credits	
Dance Team 9th Grade 1 Credit	PE requirement may be substituted by an Academic Elective due to special circumstances [IEP or 504]
Cheerleading 9th Grade 1 Credit	
Marching Band I 9th Grade 1 Credit	
Health	½ Credit
Technology Applications	1 Credit
	BIM I
Fine Arts	1 Credit
Speech	½ Credit
	Communication Application / Professional Communications
Electives	6 Credits
TOTAL:	26 Credits

As of July 23, 2019

College Readiness Standard: Are YOU Ready?

United Early College High School

United Independent School District has partnered with Laredo College to create United Early College High School (UECHS) which is a small school designed for students to earn both a high school diploma and an Associate's degree or up to 60 hours of credit toward a Bachelor's degree. UECHS is located at Lyndon B. Johnson High School (LBJH) and will accept 125 ninth grade students each academic year. Students who are accepted into the program must complete a summer bridge program.

UECHS better prepares all students for high-skilled careers by engaging them in rigorous, college preparatory curriculum and compressing the number of years towards a college degree. Students at United Early College High School begin taking college courses as 9th graders and follow the program throughout the four years.

To be eligible for the United Early College High School Program or the Biotechnology and Life Science Innovative Academy a student must:

- ◆ Be an incoming 9th grade student
- ◆ Live within United ISD boundaries
- ◆ Obtain an application from the United Early College High School counselors at Lyndon Baines Johnson High School and United South High School.
- ◆ Submit an application to LBJHS in January of every academic school year.

English Language Arts

English I

PEIMS: 03220100

Course Abbreviation: ENG 1

* Required ARD Committee placement for modified course

Weight Category: Tier 2

Credit: 1

This course is comprised of varied literary genres that stem from world literature and Greek mythology to multi-cultural narratives and novels. Elements of the short story, characterization, and literary elements are emphasized to examine and interpret facets of given selections. Writing, revising, and editing are integral parts of this course. Students write to explain, describe, and to support a thesis with evidence from a specific reading selection. Students continue with extensive grammar and vocabulary study to further foster their writing skills.

* This course is also offered with instructional modifications/accommodations based on student's individualized education program (IEP) as determined by the ARD committee.

Pre-AP English I

PEIMS: 03220100

Course Abbreviation: ENG 1

Weight Category: Tier 1

Credit: 1

This course is comprised of varied literary genres that stem from world literature and Greek mythology to multi-cultural narratives and novels. Students will focus on the College Board AP reading list. Novel chapter summaries and discussions will lead to analytical writing. Elements of the short story, characterization, and literary elements are emphasized to examine and interpret facets of given selections. Writing, revising, and editing are integral parts of this course. Students will produce a variety of compositions including documented research and literary analysis with the use of technology to aid revising, editing, and research. Students continue with extensive grammar and vocabulary study to further foster their writing skills.

English I

PEIMS: 03220107

Course Abbreviation: ENG 1

* Required ARD committee placement

Weight Category: Tier 2

Credit: 1

This individualized course exposes students to various types of literature, with a focus on comprehension and vocabulary building, literary elements, and composition. Writing activities emphasize grammar, conventions, usage, editing, revising, and spelling.

STAAR English I

PEIMS: 84000E01

Course Abbreviation: STAARENGI

Weight Category: Tier 2

Credit: 1 (Local)

This course provides students with intense instruction on the English I TEKS (Texas Essential Knowledge and Skills) from the Texas Education Agency's Assessed Curriculum. The genres covered focus on revising and non-fiction, poetry, and drama. Students write expository essays with a concentration on the revising and editing aspects of the writing, grammar conventions, usage, and vocabulary are emphasized. The reading component of the course provides students with the opportunities to read with confidence through comprehension activities. This course is designed to be covered over 18 weeks.

English II

PEIMS: 03220200

Course Abbreviation: ENG 2

* Required ARD Committee placement for modified course

Weight Category: Tier 2

Credit: 1

This course emphasizes reflective and persuasive forms of communication. Students use the writing process to produce effective arguments that include information from primary and secondary sources. Communication will demonstrate complex syntax, advanced vocabulary, and increasingly accurate use of the conventions of written language. Students will also read widely and critically, analyzing and responding to a variety of literature including American, Shakespearean, and world selections.

* This course is also offered with instructional modifications/accommodations based on student's individualized education program (IEP) as determined by the ARD committee.

Pre-AP English II

PEIMS: 03220200

Course Abbreviation: ENG 2

Weight Category: Tier 1

Credit: 1

This course includes advanced mechanics, syntax, usage and vocabulary in preparation for the AP examination taken in English III AP. Students focus on critical thinking skills to aid in the analyzation of discourse in persuasive and informative texts as well as the short documented essay. This course requires critical reading of classical and contemporary selections found in both the literature book and novels from the AP reading list. Compositions emphasize writer's style and purpose. They require the use of technology to produce error-free essays and documented research papers.

English II

PEIMS: 03220207

Course Abbreviation: ENG 2

* Required ARD Committee placement

Weight Category: Tier 2

Credit: 1

This individualized course exposes students to various types of literature, with a focus on comprehension vocabulary, literary elements, and units of composition. Writing activities emphasize grammar, conventions, usage, editing, revising, and spelling.

STAAR English II

PEIMS: 84000E02

Course Abbreviation: STAARENG II

Weight Category: Tier 2

Credit: 1 (Local)

This course provides students with intense instruction of the English II TEKS (Texas Essential Knowledge and Skills) from the Texas Education Agency's Assessed Curriculum. A variety of informational texts will be read and persuasive writings will be practiced by the students. The course also includes the practice of answering paired selection questions correctly. The reading component of the course provides student with the opportunities to read with confidence through comprehension activities. This course is designed to be covered over 18 weeks.

English III

PEIMS: 03220300

Course Abbreviation: ENG 3

* Required ARD Committee placement for modified course

Weight Category: Tier 2

Credit: 1

This course involves an intensive study of advanced usage and vocabulary including analogies. This course also includes an overview of revising and editing, open-ended responses, and composition development. A survey of American literature both literary and nonfiction selections provides the source for critical thinking and literary essays including a documented research paper. Emphasis on composition includes style and literary elements that may be identified to support précis, reflective essays, critical essays, and research projects. The composition projects may require the use of technology to produce error-free writing. Students will present and critique oral communications and multimedia products which will include a variety of visual representations.

* This course is also offered with instructional modifications/accommodations based on student's individualized education program (IEP) as determined by the ARD committee.

English 1301

PEIMS: 03220300

Course Abbreviation: ENG 3

Weight Category: Tier 1

Credit: 1

Must meet criteria for enrollment

In collaboration with Laredo College, United ISD offers this college course as a dual credit course for high school credit. Students must meet the Texas Success Initiative requirements and maintain a 2.5 average to qualify for acceptance by the end of their sophomore year. This course is offered to students their junior year during the spring semester. This course meets the graduation requirement for English III.

AP English Language and Composition

PEIMS: A3220100

Course Abbreviation: APENGLAN

Weight Category: Tier 1

Credit: 1

The Advanced Placement English Language and Composition course is the equivalent of the introductory year of college composition course work. Students become skilled readers of prose written in a variety of disciplines and rhetorical contexts. This course emphasizes the expository, analytical, and argumentative writing; students move beyond the fundamental writing formats to become better prepared for the AP exam and for college. Elements of non-fiction and American Literature are examined. Students will also be expected to read specific novels and write research papers.

College Level Academic Readiness (CLAR) AP English Language and Composition

PEIMS: 84000AP1

Course Abbreviation: CLAR-APENG3

Prerequisites: AP English Language and Composition

Weight Category: Tier 1

Credit: 1 (Local)

This course will explicitly focus on skills and concepts students must master to be successful on the AP exam, namely multiple-choice questions that test everything from literacy devices, citations and footnotes, and analysis, and the three types of essays: synthesis, analysis, and argumentative. Students will have the opportunity to take timed in class mock exams so that they may be able to anticipate what they might experience on the day of the exam. The course will not focus on foundational skills but rather build on them with plentiful routine practice to ensure student success. Students will also read a variety of classical and contemporary essays, speeches, and discuss national and global issues to build on their understanding of writing argument and to strengthen their prior knowledge evidence bank for use in the general argument essay.

English IV

PEIMS: 03220400

Course Abbreviation: ENG 4

* Required ARD Committee placement for modified course

Weight Category: Tier 2

Credit: 1

This course emphasizes a wide variety of British genres and world literature analyzing literary forms and interpreting the influence of culture and history. English IV compositions give prominence to informative, persuasive, and literacy discourse which demonstrates sophisticated syntax, style, and vocabulary. Students write a formal research paper and use technology to produce error-free research with documentation. Students present and critique oral communications that include visuals and other media.

* This course is also offered with instructional modifications/accommodations based on student's individualized education program (IEP) as determined by the ARD committee.

College Preparatory Course English Language Arts

PEIMS: CP110100

Course Abbreviation: CPELA

Prerequisite: Must meet placement criteria

Weight Category: Tier 2

Credit: 1

United ISD has entered into a memorandum of understanding (MOU) with Texas A & M International University and Laredo College to provide courses in college preparatory for English Language Arts for students at the 12th grade level. This course is only for Seniors who are eligible based on student's performance on an end-of-course assessment instrument which did not meet college readiness standards; or the student did not meet the Texas Success Initiative Standards for college entrance; or did not obtain a certain score on the ACT, SAT, PSAT or ASPIRE. This course may count as English 4 credit under the Foundation High School Program.

AP English Literature and Composition

PEIMS: A3220200

Course Abbreviation: APENGLIT

Weight Category: Tier 1

Credit: 1

The Advanced Placement English Literature and Composition course is designed for English IV students who wish to study challenging literature and seek the opportunity to gain college credit for their work. This course includes intensive reading and critical analysis of British and world literature; it further examines the components of literature, in such works as: *Beowulf*, *The Canterbury Tales*, Shakespearean Tragedies, and varied classic novels. Research projects are required with every reading selection.

College Level Academic Readiness (CLAR) AP English Literature and Composition

PEIMS: 84400AP3

Course Abbreviation: CLAR-APENG4

Prerequisites: AP English Literature and Composition

Weight Category: Tier 1

Credit: 1 (Local)

This course will explicitly focus on skills and concepts students must master to be successful on the AP exam through careful reading and critical analysis of imaginative literature. Students will have the opportunity to take timed in-class mock-exams so that they may be able to anticipate what they might experience on the day of the exam. The course will not focus on foundational skills, but rather build on them with plentiful routine practice to ensure student success.

English 1302**PEIMS: 03220400***Course Abbreviation: ENG 4**Weight Category: Tier: 1**Credit: ½**Must meet criteria for enrollment*

In collaboration with Laredo College, United ISD offers this college course as a dual credit course for high school credit. Students must meet the Texas Success Initiative requirements and have a 2.5 average to qualify for acceptance by the end of their sophomore year. This course counts as the first part of English 4 and students must earn a 70 or better in this course to be eligible to enroll in English 2327. This course is offered to students their senior year during the fall semester.

English 2327 American Literature I**PEIMS: 03220400***Prerequisite: ENGL 1302**Course Abbreviation: ENGL 4**Weight Category: Tier 1**Credit: ½**Must meet criteria for enrollment*

This course is a survey of American literature from the period of exploration and settlement through the Civil War. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from among a diverse group of authors for what they reflect and reveal about the evolving American experience and character. This course is the second part of English 4. Student must meet UISD and LC criteria to enroll. Upon completion of this course student will earn credit for English 4 if the final average for English 1302 and English 2327 is a 70 or better.

Communication Skills I**PEIMS: 84000CMI***Course Abbreviation: CMSKLS1*** Required ARD committee placement**Weight Category: Tier 2**Credit: 1 (Local)*

This course emphasizes sight vocabulary building which includes, but is not limited to: letter recognition, sight words, numerical words, functional words, directional words, content area vocabulary words. This class is taught based on individual goals and objectives.

Communication Skills II**PEIMS: 84000CM2***Course Abbreviation: CMSKLS2*** Required ARD committee placement**Weight Category: Tier 2**Credit: 1 (Local)*

This course emphasizes sight vocabulary building which includes, but is not limited to: letter recognition, sight words, numerical words, functional words, directional words, content area vocabulary words. This class is taught based on individual goals and objectives.

Creative Writing**PEIMS: 03221200***Course Abbreviation: CREAT WR**Weight Category: Tier 2**Credit: 1*

This composition course requires high school students to demonstrate their skill in such forms of writing such as expository essays. They also read short stories, poetry, and drama. Recommended for 9th grade students.

Practical Writing**PEIMS: 03221300***Course Abbreviation: PRACT WR**Weight Category: Tier 2**Credit: 1*

This course emphasizes skill in the use of conventions and mechanics of written English, the appropriate and effective application of English grammar, the reading comprehension of informational text, and the effective use of vocabulary. Evaluation of students' own writing as well as the writing of others ensures that students completing this course are able to analyze and evaluate their writing. Recommended for 10th grade students.

Research/Technical Writing**PEIMS: 03221100***Course Abbreviation: TECH WR**Weight Category: Tier 2**Credit: 1*

This course is designed to further develop skills necessary for writing persuasive and informative texts such as essays, reports, proposals, and memoranda. Students research a topic and present information through a variety of media. Recommended for 11th grade students.

Reading I

PEIMS: 03270700

Course Abbreviation: READ1

* Required ARD Committee placement for modified course

Weight Category: Tier 2

Credit: 1

Reading I is for students who have not demonstrated mastery of the state reading test in 8th-grade or English I at the high school level. Looking at the Raw Score Conversion Table for the December 2020 EOC paper administration, any student scoring a 3422 or below in English I will be placed in a reading class. In this elective course, students apply various word recognition strategies and build an extensive vocabulary through systematic word study. They read silently and orally with fluency and comprehension in increasingly demanding texts. Students will use a plethora of strategies to comprehend, analyze, and evaluate texts. Students will create oral and written personal responses to various texts reflecting diverse cultures and research topics of interest by reviewing and evaluating print and non-print sources. * This course is also offered with instructional modifications/accommodations based on student's individualized education program (IEP) as determined by the ARD committee.

Reading II

PEIMS: 03270800

Course Abbreviation: READ2

* Required ARD Committee placement for modified course

Weight Category: Tier 2

Credit: 1

Reading II is for students who need an additional year in focused literacy to ensure success in high school and beyond. Students who failed to meet satisfactorily on the English EOC or fall below district criteria must take this course. Looking at the Raw Score Conversion Table for the December 2020 EOC paper administration, any student scoring a 3405 or below will be placed in a reading class. In addition, Reading II helps tenth graders who still are experiencing reading difficulty and need additional reading assistance after completing Reading I. * This course is also offered with instructional modifications/accommodations based on student's individualized education program (IEP) as determined by the ARD committee.

Reading III

PEIMS: 03270900

Course Abbreviation: READ3

* Required ARD Committee placement for modified course

Weight Category: Tier 2

Credit: 1

Reading III is for students who need literacy strategies and skills to ensure passing state standards and success beyond high school. Students who failed to meet satisfactorily on the English II EOC will take Reading III. Looking at the Raw Score Conversion Table for the December 2020 EOC paper administration, any student scoring a 3405 in English II or below will be placed in a reading class. In addition, Reading III helps those eleventh graders who have completed Reading I and Reading II and still need additional help and support with Reading. * This course is also offered with instructional modifications/accommodations based on student's individualized education program (IEP) as determined by the ARD committee.

Professional Communications

PEIMS: 13009900

Course Abbreviation: PROFCOMM

Weight Category: Tier 2

Credit: ½

This course affords students the opportunity to practice and improve their communication skills in professional and social forums. Students design and present oral communications wherein effective communication skills are practiced. Students work independently, interpersonally, and collaboratively to prepare and present informative, persuasive, and motivational speeches.

Communication Applications

PEIMS: 03241400

Course Abbreviation: COMMAPP

* Requires ARD Committee placement for modified course

Weight Category: Tier 2

Credit: ½

This course affords students the opportunity to practice and improve their communication skills in professional and social forums. Students design and present oral communications wherein effective communication skills are practiced. Students work independently, interpersonally, and collaboratively to prepare and present informative, persuasive, and motivational speeches. The Communication Applications course is a high school graduation requirement and provides one half credit.

* This course is also offered with instructional modifications/accommodations based on students individualized education program (IEP) as determined by the ARD committee.

College Readiness and Study Skills

PEIMS: 03270100

Course Abbreviation: CRSS

Weight Category: Tier 2

Credit: ½

Students acquire techniques for learning from texts, including studying word meanings, identifying and relating key ideas, drawing and supporting inferences, and reviewing study strategies. This course is designed for 11th grade students to aid in preparing them for the ACT.

ACT Prep

PEIMS: 85000ACT

Course Abbreviation: ACTPREP

Weight Category: Tier 2

Credit: ½ (Local)

Students acquire techniques for learning from texts, including studying word meanings, identifying and relating key ideas, drawing and supporting inferences, and reviewing study strategies. This course is designed for 11th grade students to aid in preparing them for the ACT.

PSAT Preparatory Strategies

PEIMS: 85000PST

Course Abbreviation: PSATPREP

Weight Category: Tier 1

Credit: 1 (Local)

This one-semester elective course is open to eleventh-grade students who are enrolled in on-level or above-grade level courses. This course is designed to provide students with strategies in writing, reading, and math to meet the academic requirements and demands of post-high school studies and to prepare students to successfully challenge the preliminary National Merit Scholarship Qualifying Test (PSAT/NMSQT) that provides first hand practice for the SAT and helps students leverage private and public scholarship. The PSAT/NMSQT is both a qualifying exam as well as a way to identify students with advanced course potential (if taken, performance at greater than or equal to 80th percentile). Taking the PSAT exam is encouraged during the semester and strong consideration of the SAT exam is recommended.

SAT Preparatory Strategies

PEIMS: 85000SAT

Course Abbreviation: SATPREP

Weight Category: Tier 1

Credit: 1 (Local)

This one semester elective course is open to eleventh and twelfth grade students who are enrolled in on-level or above grade level courses. This course is designed to provide students with strategies to meet the academic requirements and demands of post-high school studies and to prepare students to successfully take college entrance exams. Students will prepare for the SAT college entrance exam concentrating on vocabulary expansion, objective test-taking skills, research and critical thinking, skills and goal-setting and time management strategies. Additionally an emphasis will be placed on reading, comprehension and college-planning in high school for college will be addressed. Taking the SAT exam is encouraged during the semester.

Advanced Journalism: Yearbook I, II, III

**PEIMS: 84000YB1
84000YB2
84000YB3**

Credit: 1 (Local)

**PEIMS: 03230110
03230120
03230130**

Course Abbreviation: YBK1, YBK2, YBK3

Weight Category: Tier 2

Credit: 1

Students enrolled in Advanced Journalism: Yearbook I, II, III communicate in a variety of forms such as print, digital, or online media for a variety of audiences and purposes. High school students are expected to plan, draft, and complete written and/or visual communications on a regular basis, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Advanced Journalism: Yearbook I, II, III students are expected to become analytical consumers of media and technology to enhance their communication skills. In addition, students will apply journalistic ethics and standards. Published works of professional journalists, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. Students enrolled in Advanced Journalism: Yearbook I, II, III will refine and enhance their journalistic skills, research self-selected topics, and plan, organize, and prepare a project (s) in one or more forms of media. **This course is a state graduation elective at United High School and Alexander High School. This course is a local credit at USHS and LBJHS.**

Advanced Broadcast Journalism I, II

**PEIMS: 03231900
03231901**

Course Abbreviation: BRCTJOR1, BRCTJOR2

Weight Category: Tier 2

Credit: 1

Students need to be critical viewers, consumers, and producers of media. The ability to access, analyze, evaluate, and produce communication in a variety of forms is an important part of language development. High school students enrolled in this course will apply and use their journalistic skills for a variety of purposes. Students will learn the laws and ethical considerations that affect broadcast journalism; learn the role and function of broadcast journalism; critique and analyze the significance of visual representation; and learn to produce by creating a broadcast journalism product.

Concepts of English I

PEIMS: 8400CE1

Course Abbreviation: CENG1

Weight Category: Tier 2

Credit: 1 (Local)

This 18 week course covers concepts of English I for students deemed Not Ready for English I for Speakers of Other Languages (ESOL I). In this course, instruction is linguistically accommodated in accordance with the English Language Proficiency Standards (ELPS). Students are provided with additional instructional time to use manipulative technology, sheltered instruction strategies, and participate in learner centered activities based on student's language level proficiency to aid in a deeper understanding of English concepts. This course is the first semester of English I SOL, but is a stand-alone course. Students can only earn credit for English I SOL by completing the second part of this course in the spring semester.

Concepts of English II

PEIMS: 8400CE2

Course Abbreviation: CENG2

Weight Category: Tier 2

Credit: 1 (Local)

This 18 week course covers concepts of English II for students deemed Not Ready for English II for Speakers of Other Languages (ESOL II). In this course, instruction is linguistically accommodated in accordance with the English Language Proficiency Standards (ELPS). Students are provided with additional instructional time to use manipulative technology, sheltered instruction strategies, and participate in learner centered activities based on student's language level proficiency to aid in a deeper understanding of English concepts. This course is the first semester of English II SOL, but is a stand-alone course. Students can only earn credit for English II SOL by completing the second part of this course in the spring semester.

English I for Speakers of Other Languages (ESOL I) Beginner/Intermediate Levels Only

PEIMS: 03200600

Prerequisite: Concepts of English I

Course Abbreviation: ENG1 SOL

Weight Category: Tier 2

Credit: 1

This 18 week course is the continuation course to Concepts of English I. In this course, instruction is linguistically accommodated in accordance with the English Language Proficiency Standards (ELPS). This course enables non-English speaking students to increase and refine beginning and intermediate vocabulary and communication skills through sheltered instruction strategies. Oral and reading skills are stressed. High school students are expected to focus on listening and speaking while reading and writing skills are improved. Students read English using cues, syntax, visuals, the context of the text, and the prior knowledge of language and structure of text. Students brainstorm, draft, and complete written compositions on a regular basis. Students with limited English proficiency who are at the beginning or intermediate levels as defined by chapter 74 may satisfy this course for English I.

English II for Speakers of Other Languages (ESOL II) Beginner/Intermediate Levels Only

PEIMS: 03200700

Course Abbreviation: ENG2 SOL

Prerequisite: Concepts of English II

Weight Category: Tier 2

Credit: 1

This course enables the limited English-speaking student at the intermediate level to continue to increase and refine communication skills. In this course, instruction in linguistically accommodated in accordance with the English Language Proficiency Standards (ELPS). ESOL students read a variety of texts for various purposes with an increasing accuracy to address a specific purpose and audience in language arts and all content areas. An emphasis is placed on persuasive forms of writing such as logical arguments, expressions of opinion, and personal forms of writing. These personal forms of writing may include responses to literature, reflective essays, or autobiographical narratives. Students with limited English proficiency who are at the beginning or intermediate of English language proficiency as defined by chapter 74 may satisfy this course for English II.

English Language Development & Acquisition I (ELDA I)

PEIMS: 03200800

Course Abbreviation: ELDA I

Corequisite: ESOL I

Weight Category: Tier 2

Credit: 1

This course must be taken concurrently with a corequisite language arts course - ESOL I. ELDA I is designed to provide instructional opportunities for secondary recent immigrant students with little or no English proficiency. In this course, instruction is linguistically accommodated in accordance with the English Language Proficiency Standards (ELPS). Through comprehensible input, students have access to curriculum that accelerates second language acquisition. Students are challenged to apply higher-order thinking skills in all four language domains. It integrates second language acquisition with quality content area education in order to ensure that ELs acquire social and academic language proficiency. The development of communicative competence occurs through targeted lessons based on students' needs.

English Language Development and Acquisition II (ELDA II)

PEIMS: 03200810

Course Abbreviation: ELDA II

Corequisite : ESOL II

Weight Category: Tier 2

Credit: 1

This course must be taken concurrently with a corequisite language arts course - ESOL II. ELDA II is designed to provide instructional opportunities for secondary recent immigrant students with little or no English proficiency. In this course, instruction is linguistically accommodated in accordance with the English Language Proficiency Standards (ELPS). Through comprehensible input, students have access to curriculum that accelerates second language acquisition. Students are challenged to apply higher-order thinking skills in all four language domains. It integrates second language acquisition with quality content area education in order to ensure that ELs acquire social and academic language proficiency. The development of communicative competence occurs through targeted lessons based on students' needs.

ESL Reading I, II, III

**PEIMS: 03270700
03270800
03270900**

Course Abbreviation: READ1, READ2, READ3

Weight Category: Tier 2

Credit: 1

This course offers students instruction in word recognition and comprehension strategies and vocabulary to ensure that high school students have an opportunity to read with competence, confidence, and understanding. Students are given opportunities to locate information in varied sources, to read critically, to evaluate sources, and to draw supportable strategies are applied in texts that cross the subject fields. For high school students whose first language is not English, the students' native language serves as a foundation for English language acquisition and language learning.

Mathematics

Algebra I

PEIMS: 03100500

Course Abbreviation: ALG 1

Prerequisite: 8th grade mathematics

Weight Category: Tier 2

Credit: 1

Algebra I is an 18 week course focused primarily on multiple representations of linear relationships. Other topics covered in this course include quadratic and non-linear functions, as well as systems of linear equations and inequalities. Algebraic reasoning will be applied to real world problem situations, graphing calculators will be used as necessary to enhance algebraic concepts.

Pre-AP Algebra I

PEIMS: 03100500

Course Abbreviation: ALG 1

Prerequisite: 8th grade mathematics

Weight Category: Tier 1

Credit: 1

This 18 week course covers the same concepts as Algebra I. The content is studied in greater depth and may include additional topics to prepare students for advanced placement mathematical courses.

Concepts of Algebra I

PEIMS: 84100ALG

Course Abbreviation: CCALG1

* Required ARD Committee placement for modified course

Prerequisite: 8th grade mathematics

Weight Category: Tier 2

Credit: 1 (Local)

This 18 week course covers concepts of Algebra I for students deemed "Not Ready for Algebra I". Students are provided with additional instructional time to use manipulative technology and participate in learner centered activities to aid in a deeper understanding of algebraic concepts. This course is the first semester of Algebra I but is a stand-alone course. Student can only earn credit for Algebra I by successfully completing the second part of this course in the spring semester. * This course is also offered with instructional modifications/accommodations based on student's individualized education program (IEP) as determined by the ARD committee.

Algebra I B

PEIMS: 03100500

Course Abbreviation: ALG 1

Prerequisite: 8th grade mathematics

Weight Category: Tier 2

Credit: 1

This 18 week course is the continuation course to Concepts of Algebra I. Attention will be primarily on multiple representations of linear, quadratic, exponential and other non-linear relationships. Other topics covered in this course include systems of linear equations and inequalities, as well as arithmetic and geometric sequences. Algebraic reasoning will be applied to real world problem situations, technology will be used to enhance algebraic concepts. Students must enroll in Concepts of Algebra I to be eligible to enroll in this course and earn full credit for Algebra I. * This course is also offered with instructional modifications/accommodations based on student's individualized education program (IEP) as determined by the ARD committee.

Concepts of Algebra I

PEIMS: 84100ALG

Course Abbreviation: CCALG1

Prerequisite: 8th grade mathematics

*Required ARD Committee placement for modified course

Weight Category: Tier 2

Credit: 1 (Local)

This 18 week course covers concepts of Algebra I for students deemed “Not Ready for Algebra I”. Students are provided with additional instructional time to use manipulative technology and participate in learner centered activities to aid in a deeper understanding of algebraic concepts. This course is the first semester of Algebra I but is a stand-alone course. Student can only earn credit for Algebra I by successfully completing the second part of this course in the spring semester. This individualized course will be taught at the prerequisite level.

Algebra I B

PEIMS: 03100507

Course Abbreviation: ALG1

Prerequisite: 8th grade mathematics

*Required ARD committee placement

Weight Category: Tier 2

Credit: 1

This 18 week course is the continuation course to Concepts of Algebra I. Attention will be primarily on multiple representations of linear, quadratic, exponential and other non-linear relationships. Other topics covered in this course include systems of linear equations and inequalities, as well as arithmetic and geometric sequences. Algebraic reasoning will be applied to real world problem situations, technology will be used to enhance algebraic concepts. Students must enroll in Concepts of Algebra I to be eligible to enroll in this course and earn full credit for Algebra I. This individualized course will be taught at the prerequisite level. Students will earn full credit for Algebra I.

STAAR Algebra I

PEIMS: 84100AG1

Course Abbreviation: STAARALG1

Weight Category: Tier 2

Credit: 1 (Local)

Students in STAAR Algebra I will be using a prescriptive TEKS based curriculum to address student deficiencies based on students’ previous state assessment performance. In this course, students will be provided additional strategies and support in preparation for the Algebra I End of Course Exam. This course is designed to be covered over 18 weeks.

Geometry

PEIMS: 03100700

Course Abbreviation: GEOM

* Required ARD Committee placement for modified course

Prerequisite: Algebra I

Weight Category: Tier 2

Credit: 1

Students will use logical reasoning to prove and construct geometric concepts. Other topics covered in this course include geometric structure, patterns, representations, dimensionality, congruence and similarity. Graphing calculators are used as necessary to enhance algebraic and geometric concepts. *This course is also offered with instructional modifications/accommodations based on student’s individualized education program (IEP) as determined by the ARD committee.

Pre-AP Geometry

PEIMS: 03100700

Course Abbreviation: GEOM

Prerequisite: Algebra I

Weight Category: Tier 1

Credit: 1

This course covers the same concepts as Geometry. The content is studied in greater depth and may include additional topics.

Mathematical Models with Applications

PEIMS: 03102400

Course Abbreviation: MTHMOD

** Required ARD committee placement for modified course*

Prerequisite: Algebra I

Weight Category: Tier 2

Credit: 1

In Mathematical Models with Applications, students continue to build on the K-8 and Algebra I foundations as they expand their understanding through other mathematical experiences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines. Students use mathematical methods to model and solve real-life applied problems involving money, data, change, patterns, music, design, and science. Math Models with applications must be successfully completed prior to Algebra II on the FHSP with an Endorsement.

** This course is also offered with instructional modifications/ accommodations based on student's individualized education program (IEP) as determined by the ARD committee.*

Foundations of Math I

PEIMS: 84100FMI

Course Abbreviation: FOMI

** Required ARD committee placement*

Weight Category: Tier 2

Credit: 1 (Local)

This course uses a variety of algebra, geometry and graphic models to solve a wide range of real-life applications and problems involving money, data, change, patterns, design and science. This class is taught based on individual goals and objectives.

Algebra II

PEIMS: 03100600

Course Abbreviation: ALG 2

** Required ARD Committee placement for modified course*

Prerequisite: Algebra I

Weight Category: Tier 2

Credit: 1

Algebra II is an 18 week course focusing primarily on linear systems and quadratic functions. Other topics covered in this course include properties and attributes of linear functions, properties of square roots, rational numbers, exponential equations and logarithmic functions. Graphing calculators will be used as necessary to enhance algebraic concepts. ** This course is also offered with instructional modifications/accommodations based on student's individualized education program (IEP) as determined by the ARD committee.*

Advanced Algebra II

PEIMS: 03100600

Course Abbreviation: ALG 2

Prerequisite: Algebra I

Weight Category: Tier 1

Credit: 1

This course (Previously Pre-AP) presents the Algebra II TEKS in a highly rigorous and challenging manner to build a foundation for upper level AP courses. Graphing calculators will be used to enhance algebraic concepts.

Algebra II - OnRamps A

PEIMS: 84100AL2

Course Abbreviation: ALG2-L

Prerequisites: Algebra I and Geometry

Weight Category: Tier 1

Credit:1 (Local) Fall Semester

In collaboration with UT Austin, UISD offers this college course as a dual credit course. In this course, students deepen their critical thinking skills and develop their ability to persist through challenges as they explore function families: Linear, Absolute Value, Quadratic, Polynomial, Radical, Rational, Exponential, and Logarithmic. Students analyze data algebraically and with technology while developing their knowledge of properties of functions, matrices and systems of equations, and complex numbers. The Inquiry-Based Learning course encourages students to take an active role in the construction of their learning. This first semester weighted local credit course is part of a 36 weeks curriculum that emphasizes the unpacking of mathematical definitions and making logical arguments to their peers. Each unit covered consists of a series of explorations designed to engage students and develop their problem-solving skills. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin. **Requires a recommendation from a math teacher and principal.**

Algebra II - OnRamps B

PEIMS: 03100600

Course Abbreviation: ALG2

Prerequisites: Algebra I, Geometry

Weight Category: Tier 1

Credit: 1

This **second** semester weighted course is a continuation of a 36 weeks curriculum that emphasizes the unpacking of mathematical definitions and making logical arguments to their peers. Each unit covered consists of a series of explorations designed to engage students and empower them to develop their problem-solving skills. In each exploration, students will create connections with prior concepts in developing the current topic. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin. *Requires a recommendation from a math teacher and principal.*

College Preparatory Course Mathematics

PEIMS: CP111200

Course Abbreviation: CPMAT

Prerequisite: Must meet placement criteria

Weight Category: Tier 2

Credit: 1

United ISD has entered into a memorandum of understanding (MOU) with Texas A & M International University and Laredo College to provide courses in college preparatory for Mathematics for students at the 12th grade level. This course is only for seniors who are eligible based on the students' performance on an end-of-course assessment instrument which did not meet college readiness standards; or the student did not meet the Texas Success Initiative Standards for college entrance; or did not obtain a certain score on the ACT, SAT, PSAT or ASPIRE. This course may count as the 4th math credit in the Foundation High School Program.

Advanced Quantitative Reasoning (AQR)

PEIMS: 03102510

Course Abbreviation: ADQUANR

Prerequisites: Algebra II and Geometry

Weight Category: Tier 2

Credit: 1

Advanced Quantitative Reasoning (AQR) is a mathematics course that follows Algebra I, Geometry, and Algebra II. AQR builds on, reinforces, and extends what you have learned in these courses, and it covers a range of interesting topics, many of which have not been part of high school mathematics courses—such as statistics in the media, managing data, network graphs, and understanding credit, debt, and investments. Students learn to become critical consumers of real-world quantitative data, knowledgeable problem solvers who use logical reasoning, and mathematical thinkers who can use their quantitative skill to solve authentic problems. This course may count as the fourth year math credit on the FHSP.

Precalculus

PEIMS: 03101100

Course Abbreviation: PRE CALC

Prerequisites: Algebra I, Algebra II and Geometry

Weight Category: Tier 2

Credit: 1

The student defines functions, describes characteristics of functions, and translates among verbal, numerical, graphical, and symbolic representations of functions, including polynomial, rational, radical, exponential, logarithmic, trigonometric, and piecewise-defined functions. The student interprets the meaning of the symbolic representations of functions and operations on functions within a context and uses functions and their properties to model and solve real-life problems. The student uses sequences and series to represent, analyze, and solve real life problems, and uses conic sections, their properties, parametric representations and vectors to model physical situations. This course may count as the fourth year math credit on the FHSP.

Advanced Pre-Calculus

PEIMS: 03101100

Course Abbreviation: PRE CALC

Prerequisites: Algebra I, Algebra II and Geometry

Weight Category: Tier 1

Credit: 1

This course (Previously Pre-AP) presents the Pre-Calculus curriculum and standards in a more highly rigorous and challenging manner to build a foundation for upper level AP courses. This course may count as the fourth year math credit on the FHSP.

Discovery Precalculus A - OnRamps

PEIMS: 84100PCA

Course Abbreviation: PRECAL

Prerequisites: Algebra I, Algebra II and Geometry

Weight Category: Tier 1

Credit: 1 (Local) Fall Semester

In collaboration with UT Austin, UISD offers this college course as a dual credit course. In Discovery Pre-Calculus, students will deepen and extend their knowledge of functions, graphs, and equations from their high school algebra and geometry courses so they can successfully work with the concepts in a rigorous university-level calculus course. This **first** semester weighted local credit course is part of a 36 weeks curriculum that is designed to push students well beyond “drill and kill” type exercises. It emphasizes the unpacking of mathematical definitions and making logical arguments to their peers. The curriculum is divided into seven units; the first four of which will be covered in this course. Each unit consists of a series of explorations designed to engage students and empower them to develop their problem-solving skills. In each exploration, students will create connections with prior concepts in developing the current topic. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn *weighted* local high school credit with feedback and assessment provided by UT course staff. *Requires a recommendation from a math teacher and principal. This course may count as the fourth year math credit on the FHSP.*

Discovery Precalculus B - OnRamps

PEIMS: 03101100

Course Abbreviation: PRECALC

Prerequisites: Algebra I, Algebra II and Geometry

Weight Category: Tier 1

Credit: 1

In collaboration with UT Austin, UISD offers this college course as a dual credit course. In Discovery Pre-Calculus, students will deepen and extend their knowledge of functions, graphs, and equations from their high school algebra and geometry courses so they can successfully work with the concepts in a rigorous university-level calculus course. This **second** semester dual credit course is part of a 36 weeks curriculum that is designed to push students well beyond “drill and kill” type exercises. It emphasizes the unpacking of mathematical definitions and making logical arguments to their peers. The curriculum is divided into seven units; the last three of which will be covered in this course. Each unit consists of a series of explorations designed to engage students and empower them to develop their problem-solving skills. In each exploration, students will create connections with prior concepts in developing the current topic. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn three hours of UT credit with feedback and assessment provided by UT course staff. *Required a recommendation from a math teacher and principal. This course may count as the fourth year math credit on the FHSP.*

Math 1314 College Algebra

PEIMS: 03102500

Course Abbreviation: INSTUMTH

Prerequisites: Algebra II and Geometry

Weight Category: Tier 1

Credit: 1

Must meet criteria for enrollment

In collaboration with LC, United ISD offers this college course as a dual credit for a 4th math course at the high school. Students must meet the Texas Success Initiative requirements and have a 2.5 average to qualify for acceptance by the end of their sophomore year. This course is offered to students their senior year during the spring semester.

M1316 Trigonometry

PEIMS: 03102500

Course Abbreviation: INSTUMTH

Prerequisites: Algebra II and Geometry

Weight Category: Tier 1

Credit: 1

Must meet criteria for enrollment

In collaboration with LC, this course offers an in-depth study and applications of trigonometry including definitions, identities, inverse functions, solutions of equations, graphing, and solving triangles. Additional topics such as vectors, polar coordinates and parametric equations may be included. Students must meet the Texas Success Initiative requirements and have a 2.5 average to qualify for acceptance by the end of their sophomore year.

M1324 Math of Business and Social Science

PEIMS: 03102500

Course Abbreviation: INSTUMTH

Prerequisites: Algebra II and Geometry

Weight Category: Tier 1

Credit: 1

Must meet criteria for enrollment

In collaboration with LC, this course teaches the application of common algebraic functions, including polynomial, exponential, logarithmic, and rational, to problems in business, economics, and the social sciences are addressed. The applications include mathematics of finance, including simple and compound interest and annuities; systems of linear equations; matrices; linear programming; and probability, including expected value. Students must meet the Texas Success Initiative requirements and have a 2.5 average to qualify for acceptance by the end of their sophomore year.

AP Statistics

PEIMS: A3100200

Course Abbreviation: APSTATS

Recommended prerequisites: Algebra II and Geometry

Weight Category: Tier 1

Credit: 1

This course follows the AP outline prescribed by the College Board. The emphasis will be on conceptual understanding and interpretation of various statistical models. Four major themes covered will be exploratory analysis, planning a study, anticipating patterns in advance, and statistical inference. Students will be prepared for and encouraged to take the Statistics AP exam in order to earn college credit. *This course may count as the fourth year math credit on the FHSP.*

College Level Academic Readiness (CLAR) AP Statistics

PEIMS: 84100AP3

Course Abbreviation: CLAR-APSTATS

Prerequisite: AP Statistics

Weight Category: Tier 1

Credit: 1 (Local)

This course is designed to help students prepare for the AP Exam, and therefore emphasis will be given to the topics included in it. Students enrolled in this class will review the four areas of Statistics.

1. Explaining data. Analysis of patterns
2. Sampling and experimentation. Planning and conduction of studies
3. Anticipating patterns. Probability and simulation.
4. Statistical inference. Population parameters and hypothesis testing.

Practice sessions will include previously released AP Exams as recommended by the College Board and preparation manuals.

AP Calculus AB**PEIMS: A3100101***Course Abbreviation: APCALCAB**Prerequisite: Precalculus**Weight Category: Tier 1**Credit: 1*

The AP Calculus AB course prepares students for the College Board AP Calculus exam for possible college credit. The curriculum includes the study of functions, graphs, limits, derivatives and integrals. This course requires much time and dedication as advanced topics are studied and applied. Graphing calculators will be used as necessary to enhance mathematical concepts.

**College Level Academic Readiness (CLAR)
AP Calculus AB****PEIMS: 84100AP1***Course Abbreviation: CLAR-APCALAB**Prerequisite: AP Calculus AB**Weight Category: Tier 1**Credit: 1 (Local)*

CLAR AP Calculus AB Course is an enrichment course designed to better prepare students for the AP Calculus AB exam. Prerequisite for this course is AP Calculus AB. This course serves to continue the reinforcement of AP Calculus AB topics and allows students time to prepare for the AP Exam. In this course students will become familiar with the format for the exam and practice with AP formatted assessments. Topics for review include but are not limited to Limits, Derivatives and their applications, Integrals and their applications, and the Big Five Topics: 1) Intermediate Value Theorem 2) Extreme Value Theorem 3) Mean Value Theorem 4) Rolle's Theorem 5) Fundamental Theorem of Calculus.

AP Calculus BC**PEIMS: A3100102***Course Abbreviation: APCALCBC**Prerequisite: Precalculus and AP Calculus AB**Weight Category: Tier 1**Credit: 1*

Course includes all Calculus AB topics plus additional topics in differential and integral calculus, including parametric, polar and vector functions. This course prepares students for the College Board AP Calculus BC examination for possible college credit.

**College Level Academic Readiness (CLAR)
AP Calculus BC****PEIMS: 84100AP2***Course Abbreviation: CLAR-APCALBC**Prerequisite: AP Calculus BC**Weight Category: Tier 1**Credit: 1 (Local)*

CLAR AP Calculus BC Course is an enrichment course designed to better prepare students for the AP Calculus BC exam. Prerequisite for this course is AP Calculus BC. This course serves to continue the reinforcement of AP Calculus AB and BC topics and allows students time to prepare for the AP exam. In this course, students will become familiar with the format for the exam and practice with AP formatted assessments. Topics for review include but are not limited to all AB Calculus topics, as well as: Improper Integrals, Euler's method, Integrating Parametric and Polar equations, vectors, Polynomial approximations and series including convergence and divergence, harmonic series, alternating series, Taylor series, Maclaurin series and using Lagrange's formula to evaluate Taylor polynomial approximations.

Science

Biology

PEIMS: 03010200

Course Abbreviation: BIO

** Required ARD Committee placement for modified course*

Weight Category: Tier 2

Credit: 1

This course offers students the opportunity to study a variety of topics that includes cell structure and functions; mechanisms of genetics; biological evolution and classification; biological processes and systems and interdependence within environmental systems as outlined in the Texas Essential Knowledge and Skills. ** This course is also offered with instructional modifications/ based on student's individualized education program (IEP) as determined by the ARD committee.*

Pre-AP Biology

PEIMS: 03010200

Course Abbreviation: BIO

Weight Category: Tier 1

Credit: 1

Pre-AP Biology includes topics similar to those covered in the Biology course; however, the topics are more thoroughly investigated. Higher level content is covered and topics are explored in more depth. The level of instruction will focus on preparing the student for AP Biology.

Biology

PEIMS: 03010207

Course Abbreviation: BIO

Weight Category: Tier 2

Requires ARD committee placement

Credit: 1

This course covers the study of life. It is designed to expand a student's knowledge of cells and viruses, genetics, and taxonomy of living organisms, ecology, and evolution, and health. This class is taught based on individual goals and objectives.

AP Biology

PEIMS: A3010200

Course Abbreviation: APBIO

Prerequisite: Biology

Weight Category: Tier 1

Credit: 1

AP Biology is a college-level study of the chemical and structural organization of cells, energy transformation, cell reproduction, genetics and evolutionary processes. Laboratory and independent investigative skills are developed through statistical evaluation of data and use of technical scientific readings and research reports. This course prepares students for the Advanced Placement (AP) examination in this subject.

College Level Academic Readiness (CLAR) AP Biology

PEIMS: 84800API

Course Abbreviation: CLAR-APBIO

Prerequisite: AP Biology

Weight Category: Tier 1

Credit: 1 (Local)

CLAR AP Biology will include those topics regularly covered in a college course. The four main areas of study include Evolution & Biological Interactions. In addition, the course will include advanced level laboratory exercises as recommended by the College Board. Additional review sessions will be included to allow a thorough development of science process skills in preparation to take the College Board's AP Biology exam. AP Biology will provide students with the conceptual framework, factual knowledge, and analytical skills necessary skills to deal critically with the rapidly changing science of biology.

College Biology I –OnRamps

PEIMS: 84800CB1

Course Abbreviation: CBI01

Prerequisites: Biology I & Chemistry I

Weight Category: Tier 1

Credit: 1 (Local)

In collaboration with UT Austin, USD offers this college course as a dual enrollment dual credit College course. In Introductory Biology I, students will have the opportunity to develop their scientific thinking skills through peer instruction and active learning in an inclusive classroom environment. The course revolves around three big ideas of biology starting with the study of the structure and function of biomolecules. The course finishes with an investigation of how genetic information is expressed and transmitted both within and between cells. While the content of the class is the study of introductory molecular biology, thinking like a scientist is the emphasis of this course. Scientific thinking is a skill that grows with practice and becomes stronger with use. Emphasis will be placed on the integration of verbal, written and graphical communication skills. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn *weighted* local high school credit with feedback and assessment provided by UT course staff. This **first** semester *weighted* local credit course is part of a 36 weeks curriculum that is designed to push students well beyond “drill and kill” type exercises. *This course requires a recommendation from a Biology teacher and principal.*

Introductory Biology I-OnRamps

PEIMS: 13037200

Course Abbreviation: SCIRD

Prerequisites: Introductory Biology I-UT OnRamps A

Weight Category: Tier 1

Credit: 1

This course is a continuation of the fall semester course, which will incorporate the knowledge and skills of SRD I. SRD I satisfies a high school science graduation requirement. Some of the knowledge and skills of SRD I include the use of the scientific method and equipment during laboratory and field investigations as well as using critical thinking, scientific reasoning, and problem solving to make informed decisions within and outside the classroom. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn three credit hours of college Biology I credit with feedback and assessment provided by UT course staff. *This course requires a recommendation from a biology teacher and principal. This course can only be taken after Introductory Biology I-OnRamps A.*

STAAR Biology**PEIMS: 84800BIO***Course Abbreviation: STAARBIO**Weight Category: Tier 2**Credit: 1 (Local)*

Students who did not meet the level II requirement in the STAAR EOC Biology will be enrolled in the STAAR Intervention course. This course will prepare students to re-take the EOC exam.

BIOL 1306/1106 Biology for Science Majors I**PEIMS: 13037200***Course Abbreviation: SCIRD*

Prerequisites: College ready in Reading, English and Mathematics. Concurrent enrollment in CHEM 1311 and CHEM 111 (CHEM 1411) is strongly recommended. Concurrent enrollment or credit for MATH 1314 is strongly recommended.

*Weight Category: Tier 1**Credit: 1*

Biology for Sciences Majors I is the first part of a two-course sequence. Fundamental principles of living organisms will be studied, including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Concepts of cytology, reproduction, genetics, and scientific reasoning are included.

BIOL 1307/1107 Biology for Science Majors II**PEIMS: 13037210***Course Abbreviation: SCIRD2*

Prerequisites: A grade of "C" or better in BIOL 1306 and BIOL 1106, or BIOL 1406

*Weight Category: Tier 1**Credit: 1*

Biology of Sciences Majors II is the second part of a two-course sequence. The diversity and classification of life will be studied including animals, plants, protists, fungi, and prokaryotes. Special emphasis will be given to anatomy, physiology, ecology, and evolution of plants and animals.

General Science I**PEIMS: 84800GS1***Course Abbreviation: GSCIEI**Requires ARD committee placement**Weight Category: Tier 2**Credit: 1 (Local)*

Applied Science is a locally-developed course offered for local credit to students receiving special education services. The student will be introduced to the basic concepts taught in applied biology. This course provides instruction in life forms, life cycle, plants, animals, and basic ecology.

Integrated Physics and Chemistry (IPC)**PEIMS: 03060201***Course Abbreviation: IPC*** Required ARD Committee placement for modified course**Weight Category: Tier 2**Credit: 1*

This course develops scientific process skills, and integrates the disciplines of physics and chemistry in the following topics: force, motion, energy, and matter. IPC is usually taken after Biology and before Chemistry and Physics. * This course is also offered with instructional modifications/accommodations based on students individualized education program (IEP) as determined by the ARD committee.

Chemistry**PEIMS: 03040000***Course Abbreviation: CHEM*** Required ARD Committee placement for modified course**Prerequisites: Biology and Algebra I**Weight Category: Tier 2**Credit: 1*

This course offers students the opportunity to study a variety of topics that includes a descriptive study of matter and energy, atomic structure, chemical formulas, equations, bonding, kinetic theory, gas laws, nuclear chemistry, and their mathematical relationships. This laboratory-based course emphasizes the practical applications of chemistry. * This course is also offered with instructional modifications/accommodations based on student's individualized education program (IEP) as determined by the ARD committee.

Pre-AP Chemistry**PEIMS: 03040000***Course Abbreviation: CHEM**Prerequisites: Biology and Algebra I**Weight Category: Tier 1**Credit: 1*

Pre-AP Chemistry includes topics similar to those covered in the Chemistry course; however, the topics are more thoroughly investigated. Higher level content is covered and topics are explored in more depth. The level of instruction will focus on preparing the student for AP Chemistry.

Principles of Chemistry I & Introduction to Chemical Practices 1-OnRamps A**PEIMS: 84800PCM***Course Abbreviation: APCHEM-L**Prerequisites: Chemistry**Weight Category: 1**Credit: 1 (Local)*

In collaboration with UT Austin, UISD will be offering college level dual enrollment credit college chemistry course. This course, which is taken during the **first** semester, addresses the nature of matter, energy, chemical reactions, and chemical thermodynamics. The course begins with a review of descriptive chemistry of matter in the natural world as well as compositional and reaction stoichiometry of chemical compounds. Throughout the course, students learn to think like scientists by exploring the underlying theoretical foundations of chemistry, making intuitive arguments for how the world works, and supporting those arguments with quantitative measures. Built with an intention to engage students from a variety of backgrounds, students in the course will learn how to successfully study science by organizing their learning around mastery and ownership of materials. Introduction of Chemical Practices I, the courses lab component, provides an introduction to the techniques of modern experimental chemistry, and is designed to instill basic laboratory and analytical skills. Students will experience high quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn a Tier, this local high school credit with feedback and assessment provided by UT course staff. This course *requires a recommendation from a chemistry teacher and principal.*

Principles of Chemistry I & Introduction to Chemical Practices 1 - OnRamps B AP Chemistry**PEIMS: A3040000***Course Abbreviation: APCHEM**Prerequisites: Principles of Chemistry I - On Ramps A**Weight Category: Tier 1**Credit: 1*

This course is a continuation of the fall semester course which incorporates the AP Chemistry Big Ideas of Atoms, Molecules, State of Matter, and Thermodynamics. The course incorporates the full AP Chemistry curriculum which provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Created by the AP Chemistry Development Committee, the course curriculum is compatible with many Chemistry courses in colleges and universities such as the University of Texas in Austin and the UT On-Ramps Principles of Chemistry I Course and the Chemical Practices I Lab component. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn four weighted credit hours of college chemistry credit and AP Chemistry Tier 1 high school credit with feedback and assessment provided by UT course staff. This course requires a recommendation from a chemistry teacher and principal and can only be taken after Principles of Chemistry I & Introduction of Chemical Practices 1-OnRamps A.

Principles of Chemistry II & Introduction To Chemical Practices II- OnRamps A**PEIMS: 84800PCZ***Course Abbreviation: PCHEM2**Prerequisites: UT OnRamps Chemistry I**Weight Category: Tier 1**Credit: 1 (Local)*

In collaboration with UT Austin, UISD will be offering a college level dual enrollment credit College Chemistry II course. This course continues the development and application of concepts, theories, and laws underlying chemistry that were introduced in Principles of Chemistry I. The course extends the study of thermodynamics taught in College Chemistry I to the development of chemical equilibria and kinetics with applications to water chemistry and electrochemistry. In addition, students will gain insight into the workings of the material world through introduction to nuclear chemistry, battery technology, poly chemistry and applications in organic chemistry and biochemistry. Introduction to Chemical Practices II, the course's lab component, provides laboratory exercises that focus on analytical laboratory techniques, modern chemistry instrumentation, such as spectrophotometers, voltage probes, and variety of experimental protocols of how to analyze and identify unknowns. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn a Tier 1 local high school credit with feedback and assessment provided by UT course staff. *This course requires a recommendation from a chemistry teacher and principal.*

Principles of Chemistry II & Introduction to Chemical Practices II-OnRamps B**PEIMS: 13037220***Course Abbreviation: SCIRD3**Prerequisites: Principles of Chemistry II & Introduction to Chemical Practices II-OnRamps A**Weight Category: Tier 1**Credit: 1*

This course is a continuation of the fall semester course, which will incorporate the knowledge and skills of SRD III. SRD III satisfies a high school science graduation requirement. Some of the knowledge and skills of SRD III included the use of the scientific method and equipment during laboratory and field investigations as well as using critical thinking, scientific reasoning, and problem solving to make informed decisions within and outside the classroom. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn four credit hours of college chemistry II credit with feedback and assessment provided by UT course staff. This course requires a recommendation from a chemistry teacher and principal. *This course can only be taken after Principles of Chemistry II & Introduction of Chemical Practices II-OnRamps A.*

AP Chemistry**PEIMS: A3040000***Course Abbreviation: CHEM1**Prerequisites: Chemistry 1**Weight Category: Tier 1**Credit: 1*

AP Chemistry is a college level study of organic chemistry, thermodynamics, electrochemistry, macromolecules, colloids, and properties of solutions. It emphasizes mathematical quantification, statistical evaluation of data and independent investigative skills. This course helps to prepare students for the Advanced Placement (AP) examination.

**College Level Academic Readiness (CLAR)
AP Chemistry****PEIMS: 84800AP2***Course Abbreviation: CLAR-APCHEM**Prerequisite: AP Chemistry**Weight Category: Tier 1**Credit:1(Local)*

This course is structured around the six big ideas articulated in the AP Chemistry curriculum framework provided by the College Board. A special emphasis will be placed on the seven science practices, which capture important aspects of the work that scientists engage in, with learning objectives that combine content with inquiry and reasoning skills. The CLAR AP Chemistry course is open only to students who enrolled and successfully completed the first section of AP Chemistry offered in the fall semester. It is intended for college-bound students who either would like to earn college credit (by AP examination) or would like to prepare for college chemistry while in high school, or both. This endeavor is accomplished through an intensive, in-depth approach.

Physics**PEIMS: 03050000***Course Abbreviation: PHYSICS**Recommended prerequisite: Algebra I**Weight Category: Tier 2**Credit: 1*

This course offers students the opportunity to study a variety of topics that includes the laws of motion; changes within physics systems; conservation of energy and momentum; forces; thermodynamics; characteristics and behavior of waves; and atomic, nuclear, and quantum physics.

Advanced Physics**PEIMS: 03050000***Course Abbreviation: PHYSICS**Recommended prerequisite: Algebra I**Weight Category: Tier 1**Credit: 1*

Advanced (previously Pre-AP) Physics is an advanced science course that includes the in-depth development of all topics presented in Physics plus curvilinear, rectilinear, and circular motion. It emphasizes the mathematical quantification, scientific reasoning, and statistical evaluation of data. Field and laboratory experience and research component are included.

AP Physics I: Algebra Based

PEIMS: A3050003

Course Abbreviation: APPHYS1

Prerequisite: Physics

Weight Category: Tier 1

Credit: 1

AP Physics I is a college based course including: Forces, circular motion and gravitation, energy, momentum, simple harmonic motion, rotation motion, mechanical waves, electrostatics, and DC circuit. It emphasizes mathematical quantifications, statistical evaluation of data, and independent investigation skills. This course helps prepare students for The Advanced Placement (AP) examination in this subject.

College Level Academic Readiness (CLAR)

AP Physics 1: Algebra Based

PEIMS: 84800AP3

Course Abbreviation: CLAR-APPHYS1

Prerequisite: AP Physics I: Algebra Based

Weight Category: Tier 1

Credit: 1 (Local)

CLAR-AP Physics I is a course for students applying to competitive colleges, especially in the fields of science, pre-medical, engineering or mathematics. CLAR-AP Physics I is an algebra based spring semester course designed to better prepare the students for the AP Physics I test. Topics include simple harmonic motion, rotational motion, mechanical waves, electrostatics, and DC circuits. Students enrolled in this course take the AP exam and can earn college credit. Following the AP exam, topics of study will include AP Physics 2

AP Physics 2: Algebra Based

PEIMS: A3050004

Course Abbreviation: APPHYS2

Prerequisite: AP Physics 1

Weight Category: Tier 1

Credit: 1

AP Physics 2 is a college based course including: Fluids, thermodynamics, electricity and magnetism, optics, and modern physics. It emphasizes mathematical qualifications, statistical evaluation of data, and independent investigation skills. This course helps prepare students for the Advanced Placement (AP) examination in this subject.

College Level Academic Readiness (CLAR)

AP Physics 2: Algebra Based

PEIMS: 84800AP4

Course Abbreviation: CLAR-APPHYS2

Prerequisite: AP Physics 2 Algebra Based

Weight Category: Tier 1

Credit: 1

CLAR-AP Physics 2 is a course for students applying to competitive colleges, especially in the fields of science, pre-medical, engineering or mathematics. CLAR-AP Physics 2 is an algebra based spring semester course designed to better prepare the students for the AP Physics 2 test. Topics include thermodynamics, fluids, geometry and physics optics, and quantum physics. Students enrolled in this course take the AP exam and can earn college credit. Following the AP physics 2 exam, the topics of study will include: relativity theory, astrophysics, and engineering projects or special topics based on student interest.

AP Environmental Science

PEIMS: A3020000

Recommended prerequisites: Algebra I, Biology and Chemistry I

Weight Category: Tier 1

Credit: 1

The AP Environmental Science course is designed to be the equivalent of a one semester, introductory college course in environmental science. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems, both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. This course will provide the student with basic scientific tools for understanding and allow them to think critically about the environment and the environmental problems we face.

AP Physics C: Mechanics

PEIMS: A3050006

Course Abbreviation: APPHYSCE

Prerequisite: Physics, Algebra I, Algebra II, Geometry and Calculus AB or concurrently taking Calculus AB

Weight Category: Tier 1

Credit 1

AP Physics C Mechanics course utilizes guided inquiry and student centered learning to foster the development of critical thinking skills. Introductory differential and integral calculus is used throughout the course. Physics C Mechanics provides instruction in kinematics; Newton's laws of motion; work; energy, and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Coursework components include hand-on laboratory and completed lab notebook or portfolio of lab reports.

College Level Academic Readiness (CLAR) AP Physics C: Mechanics

PEIMS: 84800AP5

Course Abbreviation: CLAR-APPHYSCE

Prerequisite: AP Physics C

Weight Category: Tier 1

Credit: 1 (Local)

This CLAR-AP Physics C: Mechanics course is intended to prepare the students to pass the AP Physics C: Mechanics Exam. The students enrolled in this course should have the background knowledge and pre-requisite skills such as the basics of differential/integral calculus, ordinary differential equations, essentials of inquiry-based labs and the fundamentals of Newtonian Mechanics. The focus of this course is problem solving blended with investigative lab activities. In some cases, it employs videos and power points to facilitate the course review process.

Discovery Physics A-OnRamps

PEIMS: 84800PHA

Course Abbreviation: PHYSICS-L

Recommended Prerequisites: Algebra I, Algebra II, and Geometry, Pre-Calculus (recommended)

Weight Category: Tier 1

Credit: 1 (Local) Fall Semester

In collaboration with UT Austin, UISD will be offering, during the 2017-2018 school year, a college level dual enrollment credit physics course. In Discovery Physics, student will gain an understanding on the big ideas of physics: mechanics, heat, and sound. This will lay a foundation on understanding Newtonian Mechanics, which describes objects changing their state of motion because of forces causing them to accelerate. Taken together, the topics will reinforce the general idea that the behavior of many objects in the world can be described precisely with simple mathematics. The first semester weighted local credit is part of a 36 weeks curriculum that is designed to push students well beyond "drill and kill" type exercises. This course will emphasize concept based learning that is designed to expose common difficulties and misconceptions about the content. Each student will have time to develop their own answer, as well as work in small groups to reach a consensus. The curriculum is divided into eight units: the first five of which will be covered in this course. Each unit consists of a series of explorations designed to engage students and empower them to develop their problem solving skills. In each exploration, students will create connections with prior concepts in developing the current topic. Students will experience high quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn 1 high school Tier 1 credit with feedback and assessment provided by the UT course staff. Requires a recommendation from a science teacher and principal.

Discovery Physics B-OnRamps

PEIMS: 03050000

Course Abbreviation: PHYSICS

Recommended Prerequisites: Algebra I, Algebra II, and Geometry, Pre-Calculus

Weight Category: Tier 1

Credit: 1

In collaboration with UT Austin, UISD will be offering, during the 2017-2018 school year, a college level dual enrollment credit physics course. In Discovery Physics, student will gain an understanding on the big ideas of physics: mechanics, heat, and sound. This will lay a foundation on understanding Newtonian Mechanics, which describes objects changing their state of motion because of forces causing them to accelerate. Taken together, the topics will reinforce the general idea that the behavior of many objects in the world can be described precisely with simple mathematics. The second semester dual credit course is part of a 36 weeks curriculum that is designed to push students well beyond “drill and kill” type exercises. This course will emphasize concept based learning that is designed to expose common difficulties and misconceptions about the content. Each student will have time to develop their own answer, as well as work in small groups to reach a consensus. The curriculum is divided into eight units: the last three will be covered in this course. Each unit consists of a series of explorations designed to engage students and empower them to develop their problem solving skills. In each exploration, students will create connections with prior concepts in developing the current topic. Students will experience high quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn four hours of UT credit and 1 high school Tier 1 credit with feedback and assessment provided by the UT course staff. Requires a recommendation from a science teacher and principal.

Environmental Systems

PEIMS: 03020000

Course Abbreviation: ENVIRSYS

Recommended prerequisite: Biology

Weight Category: Tier 2

Credit: 1

In this course students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: biotic and abiotic factors inhabitants, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, relationship between carrying capacity and changes in populations and ecosystems, and changes in environments.

**College Level Academic Readiness (CLAR)
AP Environmental Science****PEIMS: 84800AP6***Course Abbreviation: CLAR-APAPES**Prerequisite: AP Environmental Science**Weight Category: Tier 1**Credit: 1 (Local)*

CLAR AP Environmental Science is designed to provide students with the equivalent of a semester, introductory college course in environmental science. CLAR APES is designed for college-bound students who either would like to earn college credit (by AP examination) or would like to prepare for college environmental science while in high school, or both. Topics covered during the course include: energy resources and consumption, soil and agriculture, air and water pollution, land management and diversity, economics, politics, ethics, and sustainability. Following the AP exam, topics of study will include community based projects, living sustainably based projects or special topics based on student interest.

Forensic Science**PEIMS: 13029500***Course Abbreviation: FORENSCI**Prerequisites: Biology and Chemistry**Weight Category: Tier 2**Credit: 1*

This course uses a structured, scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, 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, ballistics, and blood splatter analysis. Students will learn the history, legal aspects, and career options for forensic science.

Scientific Research and Design I**PEIMS: 13037200***Course Abbreviation: SCIRD**Prerequisite: one credit of high school science**Weight Category: Tier 1**Credit: 1*

This course is a broad-based course designed to allow districts and schools considerable flexibility to develop local curriculum to supplement any program of study or coherent sequence. The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. All of these components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education.

Scientific Research and Design II

PEIMS: 13037210

Course Abbreviation: SCIRD2

Prerequisite: Scientific Research and Design I

Weight Category: Tier 1

Credit: 1

This course is a broad-based course designed to allow districts and schools considerable flexibility to develop local curriculum to supplement any program of study or coherent sequence. The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. All of these components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education.

Anatomy and Physiology

PEIMS: 13020600

Course Abbreviation: ANATPHYS

Prerequisites: Biology and second Science

Weight Category: Tier 1

Credit: 1

Anatomy and Physiology is a laboratory oriented course for students who are interested in pursuing a career in health occupations. This course will allow students to observe anatomical structures and models and examine physiological systems. Students will acquire experience in skills integrating morphology with physiological functions.

Medical Microbiology

PEIMS: 13020700

Course Abbreviation: MICRO

Prerequisites: Biology and Chemistry

Weight Category: Tier 2

Credit: 1

In this course, students explore the microbial world, studying topics such as the role of microorganisms in health and disease, pathogenic and non-pathogenic microorganisms, laboratory procedures, microorganism identification, control and defenses against diseases and infections, and drug-resistant and emerging diseases..

Pathophysiology

PEIMS: 13020800

Course Abbreviation: PATHO

Prerequisites: Biology, Chemistry

Weight Category: Tier 2

Credit: 1

Students focus on disease mechanisms and how they affect humans, as well as prevention and treatment of disease. Students will differentiate between normal and abnormal physiology at the cellular, organ and organism levels, identify changes that indicate diseases, factors contributing to disease, causes of disease and the body's response, and disease prevention and control.

Social Studies

World Geography

PEIMS: 03320100

Course Abbreviation: *WGEO*

* Required ARD Committee placement for modified course

Weight Category: Tier 2

Credit: 1

This course covers the physical, political, cultural, and historical perspectives of world geography. Students are introduced to the scientific methods of geographers by asking questions, gathering and organizing data and drawing conclusions that help them understand our complex world. The themes of location, place, Human/Environmental Interaction, Movement, and Regions provide the framework for studying and researching the contemporary world.

* This course is also offered with instructional modifications/accommodations based on student's individualized education program (IEP) as determined by the ARD committee.

Advanced World Geography

PEIMS: 03320100

Course Abbreviation: *WGEO*

Weight Category: Tier 1

Credit: 1

This course (previously Pre-AP) includes the same broad topics of study as World Geography Studies. The emphasis is on reading and evaluating literature, journal articles, and current events and preparing research projects. The skills taught in this course prepare students for success in AP courses.

AP Human Geography

PEIMS: A336200

Course Abbreviation: *APHUMGEOE*

Prerequisite: *World Geography*

Weight Category: Tier 1

Credit: $\frac{1}{2}$ (Elective)

AP Human Geography focuses on the distribution, processes, and effects of human populations on the planet. Units of study include population, migration, culture, language, religion, ethnicity, political geography, economic development, industry, agriculture, and urban geography. Emphasis is placed on geographic models and their applications. Case studies from around the globe are compared to the situation in the United States and to other places. Internet activities will be used to explore certain topics.

College Level Academic Readiness (CLAR)

AP Human Geography

PEIMS: 84400AP7

Course Abbreviation: *CLAR-APHGEOG*

Prerequisite: *AP Human Geography*

Weight Category: Tier 1

Credit: $\frac{1}{2}$ (Local)

The CLAR AP Human Geography course will serve as a companion for AP Human Geography. It is focused to optimize preparation efforts for students taking the national college-level Advanced Placement Examination in May by covering in depth those topics outlined by College Board and providing extensive test taking skills, including a practice test. The course is designed for active participation to increase student understanding and students will be required to complete readings each week from their assigned college level textbook, complete other relevant assignments on their own, and use and construct items such as maps, population pyramids, and geographic surveys. Active reading, note taking, focused writing, and analytical and organizational skills are essential components of the course.

World History

PEIMS: 03340400

Course Abbreviation: *WHIST*

* Required ARD committee placement for modified course

Weight Category: Tier 2

Credit: 1

This course provides students with an overview of the history of humankind. Students study significant people, events, and issues from the earliest times to the present. Traditional historical points of reference in World History are identified as students analyze important events and issues in various civilizations.

* This course is also offered with instructional modifications/accommodations based on student's individualized education program (IEP) as determined by the ARD committee.

Pre-AP World History

PEIMS: 03340400

Course Abbreviation: *WHIST*

Weight Category: Tier 1

Credit: 1

The purpose of this course is to focus on the concepts and skills that have maximum value. The course builds students' essential skills and helps to prepare them for a range of AP history and social science coursework during high school, including AP Human Geography and all three AP history courses. Primary and secondary sources take center stage in the classroom, and students use the tools of the historian and geographer to examine questions and build arguments.

AP World History

PEIMS: A3370100

Course Abbreviation: *APWHIST*

Prerequisite: *World History*

Weight Category: Tier 1

Credit: 1

This course is a challenging course that is structured around the investigation of selected themes woven into key concepts covering distinct chronological periods. AP World History is equivalent to an introductory college survey course. This course has a three-fold purpose. First, it is designed to prepare students for successful placement into higher-level college and university history courses. Second, it is designed to develop skills of analysis and thinking in order to prepare students for success in the twenty-first century. Finally, it is the intent of this class to make the learning of world history an enjoyable experience. Students will be able to show their mastery of the course goals by taking part in the College Board AP World History exam in May.

AP World History (CLAR)

PEIMS: 84400AP6

Course Abbreviation: *CLAR-APWHIST*

Prerequisite: *AP World History*

Weight Category: Tier 1

Credit: 1 (Local)

This course will explicitly focus on skills and concepts students must master to be successful on the AP exam, namely multiple-choice questions that focus on analyzing historical events that took place from the beginning of human interaction with the ancient civilizations to our modern world. Students will have the opportunity to take timed in-class mock-exams so that they may be able to anticipate what they might experience on the day of the exam. This course is designed to broaden analytical and critical thinking skills to assess historical sources and weigh the evidence and interpretations presented in these sources. Students will express an understanding of data on timed multiple-choice tests, document-based questions, as well as timed essay tests.

History 1301

PEIMS: 03380001

Course Abbreviation: SSADV1

Weight Category: Tier 1

Credit: 1

Must criteria for enrollment

A survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the Civil War/Reconstruction period. United States History I includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that may be addressed in United States History I include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government.

US History 1492-1865-OnRamps Social Studies Advanced Studies

PEIMS: 03380001

Course Abbreviation: SSADV1

Prerequisite: English II

Weight Category: Tier 1

Credit: 1

In collaboration with UT Austin, UISD will be offering a college level dual enrollment credit US History 1492-1865 course. This course, which is taken during the **first** semester, surveys from the colonial beginnings through the Civil War. Students will study significant themes in US History to uncover the range and depth of the American story. In US History, students will gain an understanding on the big ideas of American History: American Identities, Labor and Technology, America and The World, Reform and Renewal, and Self and Society. Students will experience high quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn three hours of UT credit with feedback and assessment provided by UT course staff. *Required a recommendation from a Social Studies Teacher and Principal. This course will substitute for graduation requirement World History.*

US History Since 1865-OnRamps US History

PEIMS: 03340100

Course Abbreviation: US HIST

Prerequisite: English II

Weight Category: Tier 1

Credit: 1

In Collaboration with UT Austin, UISD will be offering a college level dual enrollment credit US History Since 1865 course. This course, which is taken during the second semester, considers the Post-Civil War era to the end of the 20th century. Students will study significant themes in US History to uncover the range and depth of the American story. In US History, students will gain an understanding on the big ideas of American History: American Identities, Labor and Technology, America and The World, Reform and Renewal, and Self and Society. Students will experience high quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn three hours of UT credit with feedback and assessment provided by UT course staff. *Required a recommendation from a Social Studies Teacher and Principal. This course will substitute for US History*

U.S. History Studies Since 1877

PEIMS: 03340100

Course Abbreviation: US HIST

** Required ARD Committee placement for modified course*

Weight Category: Tier 2

Credit: 1

This course traces the emergence and growth of the United States following Reconstruction to the present. The course helps students understand how people and events of history have shaped the present and will continue to affect the future.

** This course is also offered with instructional modifications/accommodations based on student's individualized education program (IEP) as determined by the ARD committee*

AP U.S. History**PEIMS: A3340100***Course Abbreviation: APUSHIST**Weight Category: Tier 1**Credit: 1*

This course begins with exploration and settlement of the continent and continues through the contemporary period. College credit may be earned by demonstrating competence on the AP Examination.

**College Level Academic Readiness (CLAR)
AP U.S. History****PEIMS: 84400AP1***Course Abbreviation: CLAR-APUSHIST**Prerequisite: AP US History**Weight Category: Tier 1**Credit: 1 (Local)*

The goal of taking the CLAR AP U.S. History Course is not only for the student to succeed on the AP U.S. History exam, but also to obtain a learning and challenging experience equivalent in most college introductory U.S. History courses. The focus will be on analyzing historical events that took place from the Pre-Colombian Era to 1865, as well as a review of historical events from Reconstruction to the present covered in the Fall Semester. This course is designed to broaden analytical and critical thinking skills in order to interpret the events in U.S. History. Students will learn to assess historical sources and weigh the evidence and interpretations presented in these sources. Students will express an understanding of data on timed multiple-choice tests, document-based questions, as well as timed essay tests.

U. S. History 1302**PEIMS: 03340100***Course Abbreviation: USHIST**Weight Category: Tier 1**Credit: 1**Must meet criteria for enrollment*

In Collaboration with LC, United ISD offers this course as a dual credit course. Students must meet the Texas Success Initiative requirements and have a 2.5 average to qualify for acceptance. This course offered to students in their junior year in the fall semester.

U.S. History Studies Since 1877**PEIMS: 03340107***Course Abbreviation: USHIST*** Required ARD committee placement**Weight Category: Tier 2**Credit: 1*

This course is designed to provide a basic understanding of U.S. History since Reconstruction. It includes the study of industrialization and urbanization, major wars, domestic and foreign policies of the Great Depression. This class is taught based on individual goals and objectives.

United States Government**PEIMS: 03330100***Course Abbreviation: GOVT*** Required ARD committee placement for modified course**Weight Category: Tier 2**Credit: ½*

This course focuses on the structure and function of government as well as on the founding documents and their impact on the U.S. political system.

** This course is also offered with instructional modifications/accommodations based on student's individualized education program (IEP) as determined by the ARD committee.*

AP United States Government and Politics

PEIMS: A3330100

Course Abbreviation: APUSGOVT

Weight Category: Tier 1

Credit: ½

This course will provide students with the political knowledge and reasoning processes to participate meaningfully and thoughtfully in discussions and debates that are currently shaping American politics and society. It is important to note that this course is not a history course; it is a political science course that studies the interconnectedness of the different parts of the American political system and the behaviors and attitudes that shape this system and are the byproduct of this system.

GOVT 2305 Federal Government

PEIMS: 03330100

Course Abbreviation: GOVT

Prerequisites: College ready in Reading and English

Weight Category: Tier 1

Credit: 1/2

Origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights.

GOVT 2306 Texas Government

PEIMS: 03380002

Course Abbreviation: SPTSS

Prerequisites: College ready in Reading and English

Weight Category: Tier 2

Credit: 1/2

Origin and development of the Texas constitution, structure and powers of state and local government, federalism and inter-governmental relations, political participation, the election process, public policy, and the political culture of Texas.

AP Comparative Government and Politics

PEIMS: A3330200

Course Abbreviation: APCPGOVT

Weight Category: Tier 1

Credit: ½ (Local)

This course will provide students with the research tools to compare and contrast major political institutions and develop scientific arguments. Students will analyze the brief historical and detailed political development of six countries: China, Iran, Mexico, Nigeria, Russia, and the United Kingdom.

College Level Academic Readiness (CLAR)

AP Comparative Government & Politics

PEIMS: 84400AP9

Course Abbreviation: CLAR- APCPGOVT

Prerequisite: AP Comparative Government & Politics

Weight Category: Tier 1

Credit: ½ (Local)

This course will explicitly focus on skills and concepts students must master to be successful in the AP exam, namely multiple-choice questions that test everything that was covered through out the previous course. Students will have the opportunity to take timed in-class mock exams so they may be able to anticipate what they might experience on the day of the exam. This course will not focus on foundational skills but rather build on them with plentiful routine practice to ensure students success.

College Level Academic Readiness (CLAR) AP Government and Politics

PEIMS: 84400AP2

Course Abbreviation: CLAR-APGOVT

Prerequisite: AP U.S. Government

Weight Category: Tier 1

Credit: ½ (Local)

This course will explicitly focus on skills and concepts students must master to be successful in the AP exam, namely multiple-choice questions that test everything that was covered throughout the previous course. Students will have the opportunity to take timed in-class mock exams so they may be able to anticipate what they might experience on the day of the exam. This course will not focus on foundational skills but rather build on them with plentiful routine practice to ensure student success.

AP European History

PEIMS: A3340200

Course Abbreviation: APEUHIST

Weight Category: Tier 1

Credit: 1

This course teaches relevant, factual knowledge about European history from 1450 through 2001. It also develops an understanding of the main themes in modern European history, including political and diplomatic, intellectual and cultural, and social and economic history. Analyzing historical evidence and reading critical literary narratives is integrated into the chronically ordered whole picture of the modern history of Europe. Using a college-level textbook, this course begins with the Renaissance and concludes with the present post-2001 period, the crisis of global terrorism, and the problems of the European Union.

AP European History (CLAR)

PEIMS: 84400AP5

Course Abbreviation: CLAR-APEHIST

Prerequisite: AP European History

Weight Category: Tier 1

Credit: 1 (Local)

This course will explicitly focus on skills and concepts students must master to be successful in the AP exam, namely multiple-choice questions that focus on analyzing historical events that took place from the Renaissance to our modern world. Students will have the opportunity to take timed in-class mock-exams so that they may be able to anticipate what they might experience on the day of the exam. This course is designed to broaden analytical and critical thinking skills in order to interpret the events in European History. Students will learn to assess historical sources and weigh the evidence and interpretations presented in these sources. Students will express an understanding of data on timed multiple-choice tests, document-based questions, as well as timed essay tests.

Economics

PEIMS: 03310300

Course Abbreviation: ECO-FE

* Required ARD committee placement for modified course

Weight Category: Tier 2

Credit: ½

This course focuses on the pervasive impact of economics on the lives of people. Economics emphasizes the basic principles of production, consumption, and distribution of goods and services in the United States and a comparison with those of other countries.

* This course is also offered with instructional modifications/accommodations based on student's individualized education program (IEP) as determined by the ARD committee.

Mexican American Studies

PEIMS: 03380084

Course Abbreviation: ESMAS

Weight Category: Tier 2

Credit: 1

In Mexican American Studies, an innovative course, students learn about the history and cultural contributions of Mexican Americans. Students will explore history and culture from an interdisciplinary perspective. They will have opportunities to interact with relevant film, literature, art, and other media. The course emphasizes developments in the twentieth and twenty-first centuries, but students will also engage with developments prior to the twentieth century. This course will follow the eras of American history with an overlay of the Mexican American experience and Laredo History.

Principles of Macroeconomics

PEIMS: A3310200

Course Abbreviation: *APMACECO*

Weight Category: *Tier 1*

Credit: $\frac{1}{2}$

This course focuses on the principles of economics that apply to an economic system including the relationship between national and international economic decisions. College credit may be earned by demonstrating competence on the AP Economics Examination.

AP Microeconomics

PEIMS: A3310100

Course Abbreviation: *APMICECO*

Weight Category: *Tier 1*

Credit: $\frac{1}{2}$

This course is designed to provide students with a thorough understanding of the principles of microeconomics. This course is designed to encourage students to think like economists, by questioning and evaluating costs and benefits and exploring the many ways that one economic action will cause secondary actions. AP Microeconomics will also examine the fundamental economic principles which govern economic activities of the individual. This course will address the central topics of the AP Microeconomics such as scarcity, supply and demand, consumer choice, theory, perfect and imperfect competition, the factor market, market failure, and the role of government.

College Level Academic Readiness (CLAR) AP Macroeconomics

PEIMS: 84400AP3

Course Abbreviation: *CLAR-APECO*

Prerequisite: *AP Macroeconomics*

New Weight Category: *Tier 1*

Credit: $\frac{1}{2}$ (Local)

The goal of this course will be to provide the students with substantial knowledge of the subject matter in preparation for the Macroeconomics exam. The main focus will be on the study of national income and price-level determination, and also to develop student's familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students will have ample time to cover all topics on the exam as well as time to complete practice multiple choice and free response questions and practice examinations. This is a class designed to build on fundamental skills the students have learned and to assess their understanding as it applies to the AP exam.

College Level Academic Readiness (CLAR) AP Microeconomics

PEIMS: 84400AP8

Course Abbreviation: *CLAR-APMICECO*

Prerequisite: *AP Microeconomics*

Weight Category: *Tier 1*

Credit: $\frac{1}{2}$ (Local)

The goal of this course is to provide students with substantial knowledge of the subject matter in preparation for the AP Microeconomics exam. The primary focus will be on the study of the principles of economics that apply to the functions of both consumers and producers within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. This class is designed to build on the skills students have acquired in Microeconomics and assess their understanding as it applies to the corresponding exam.

Sociology

PEIMS: 03370100

Course Abbreviation: SOC

Weight Category: Tier 2

Credit: ½

This course includes the systematic, scientific study of human behavior, social groups, and society. Using case studies, current events, research, and primary documents, students will study components of culture, history of sociology, research methods, social structure, stratification, the socializing process, deviation and social control and social movements.

Psychology

PEIMS: 03350100

Course Abbreviation: PSYCH

Weight Category: Tier 2

Credit: ½

This introduction to the field of psychology includes opportunities for students to study the historical development of the field of psychology; consider the development of the individual and personality; and to learn various topics including emotion, motivation, learning and dysfunctional behavior.

AP Psychology

PEIMS: A3350100

Course Abbreviation: APPSYCH

Weight Category: Tier 1

Credit: ½

This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings. Students learn about some of the explorations and discoveries made by psychologists over the past century. Students assess some of the differing approaches adapted by psychologists, and including the biological, behavioral, cognitive, humanistic, psychodynamic, and sociocultural perspectives. Most important, students come to an appreciation of how psychologists think (or at least an appreciation of the kind of critical analysis that psychologists espouse and hope to model in their words and action).

PSYC 2301 General Psychology

PEIMS: 03350100

Course Abbreviation: PSYCH

Prerequisites: College ready in Reading and English

Weight Category: Tier 1

Credit: 1/2

General Psychology is a survey of the major psychological topics, theories and approaches to the scientific study of behavior and mental processes.

PSYC 2314 Lifespan Growth & Development

PEIMS: 03380022

Course Abbreviation: SPTSS2

Prerequisite: College ready in Reading and English

Weight Category: Tier 2

Credit: 1/2

Life-Span Growth and Development is a study of social, emotional, cognitive and physical factors and influences of a developing human from conception to death

College Level Academic Readiness (CLAR) AP Psychology

PEIMS: 84400AP4

Course Abbreviation: CLAR-AP/PSY

Prerequisite: AP Psychology

Weight Category: Tier 1

Credit: ½ (Local)

This course will explicitly focus on skills and concepts students must master to be successful in the AP exam, namely multiple-choice questions that test everything from history, research methods, biological bases of behavior, sensation and perception, state of consciousness, learning, cognition, motivation and emotion, developmental psychology, personality, testing and individual differences, abnormal psychology, treatment of psychological disorders and social psychology. Students will have the opportunity to take timed in-class mock-exams so that they may be able to anticipate what they might experience on the day of the exam. This course will not focus on foundational skills but rather build on them with plentiful routine practice to ensure student success.

Personal Financial Literacy

PEIMS: 03380082

Course Abbreviation: PFL

Weight Category: Tier 2

Credit ½

This course covers all the basics of smart money management. Through this Personal Financial Literacy course students will learn the basics of bank services, the importance of saving, smart money management, using credit responsibly, investing, wealth building, and more. Whether it's opening a checking account, avoiding identity theft, paying for college, applying for a credit card, or starting a small business, the course teaches real-world skills and knowledge everyone can use. *Instructional modifications may be provided based on student's individualized education program (IEP) as determined by the ARD committee.*

Health

Health Education

PEIMS: 03810100

Course Abbreviation: HLTH ED

Weight Category: Tier 2

Credit: ½

This course is designed to ensure that students acquire the health information and skills necessary to become healthy adults. The major areas of study are: emotional, mental, and physical health; the ill effects of alcohol, drugs, and tobacco on the body and environment; first aid; the prevention of accidents, AIDS education, and diseases. Instructional modifications may be provided based on student's individualized education program (IEP) as determined by the ARD committee.

Introduced to CPR/First Aid/AED and documented by teacher.

Advanced Health

PEIMS: 03810200

Course Abbreviation: ADHLTHED

Recommended prerequisite: Health-Grades (11-12)

Weight Category: Tier 2

Credit: ½

This course is designed to explore and research personal and community health topics related to teenagers today. Student will create projects that summarize their exploration. The major areas of study are: Self-esteem and mental health; nutrition for life; effects of drugs, alcohol and tobacco on the body and society; dating violence; preventing lifestyle and infectious diseases and their disabilities; transition from adolescence to adulthood and family life; and CPR/First Aid/AED.

Introduced to CPR/First Aid/AED and documented by teacher. *Instructional modifications may be provided based on student's individualized education program (IEP) as determined by the ARD committee.*

Physical Education

Foundations of Personal Fitness

PEIMS: PES00052

Course Abbreviation: PEFFOUND

Weight Category: Tier 2

Credit: ½

Foundations of Personal Fitness represents a new approach in physical education and the concept of personal fitness. The basic 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. The knowledge and skills taught in this course include teaching students about the process of becoming fit as well as achieving some degree of fitness within the class. The concept of wellness, or striving to reach optimal levels of health, is the corner stone of this course. Instructional modifications may be provided based on student's individualized education program (IEP) as determined by the ARD committee.

Aerobic Activities

PEIMS: PES00054

Course Abbreviation: PEAA

* Required ARD committee placement for the 1 credit course

Weight Category: Tier 2

Credit: ½

Students in aerobic activities are exposed to a variety of activities that promote health-related fitness. A major expectation of this course is for the students to design a personal fitness program that uses aerobic activities as a foundation.
* This course is also offered with instructional modifications/accommodations based on student's individualized education program (IEP) as determined by the ARD committee.

Individual Sports/Team Sports

PEIMS: PES00055

Course Abbreviation: PEITS

* Required ARD committee placement for team sports

Weight Category: Tier 2

Credit: ½

Students in Individual Sports are expected to participate in a wide range of individual sports that can be pursued for a lifetime. The continued development of health-related fitness and the selection of individual sport activities that are enjoyable is a major objective of this course.
* This course is also offered with instructional modifications/accommodations based on student's individualized education program (IEP) as determined by the ARD committee.

Adventure/Outdoor Education

PEIMS: PES00053

Course Abbreviation: PEOA

Weight Category: Tier 2

Credit: ½

Students enrolled in adventure of outdoor education are expected to develop competency in outdoor education activities that provide opportunities for enjoyment and challenge. Emphasis is placed upon student selection of activities that also promote a respect for the environment and that can be enjoyed for a lifetime.

Adaptive PE

**PEIMS: 84200AP1
84200AP2**

Course Abbreviation: ADPEI/ADPE2

* Required ARD committee placement

Weight Category: Tier 2

Credit: 1 (Local)

This course is for students who qualify for Adapted P.E. services. Students will participate in a variety of individual, dual, and team sport opportunities. The focus is on lifetime fitness experiences. This class is based on modified TEKS and individual goals and objectives

Cheerleading 9th Grade

PEIMS: PES00013

Course Abbreviation: SUBCHLDG

Prerequisite: Tryouts

Credit: 1

**PEIMS: 84200C10-10th grade
84200CI11-11th grade
84200CI12-12th grade**

Weight Category: Tier 2

Credit: 1 (Local)

Students who participate in 9th grade cheerleading will earn a maximum of one P.E. credit. Students must compete for places on the cheer squad by demonstrating the skills needed for membership. The major function of the cheer squads are to serve as spirit, service and performing squads for both competitive and non-competitive exhibitions. Student will suffice their graduation requirement for PE during the fall semester of their 9th grade academic year. All other cheerleading classes taken thereafter will receive local credit only.

Dance Team 9th Grade

PEIMS: PES00014

Course Abbreviation: SUBDT

Prerequisite: Tryouts

Credit: 1

**PEIMS: 84200D10-10th grade
84200D11-11th grade
84200D12-12th grade**

Weight Category: Tier 2

Credit: 1 (Local)

Students who participate in 9th dance will earn a maximum of one P.E. credit. Students must compete for places on the dance team by performing the skills needed for membership. The major function of the dance teams are to serve as spirit, service, and performing teams for both competitive and non-competitive exhibitions. Student will suffice their graduation requirement for PE during the fall semester of their 9th grade academic year. All other dance team classes taken thereafter will receive local credit only.

Boy's and Girl's Athletics

**PEIMS: PES0000-9th
PES00001-10th
PES00002-11th
PES00003-12th**

Course Abbreviation: SUBATH1, SUBATH2, SUBATH3, SUBTH4

Prerequisite: Coach Approval

Recommended for grades: 9-12

Weight Category: Tier 2

Credit: ½ (per semester)

Athletics (Physical Education Substitute) Numerous athletic courses under UIL affiliation are offered for students in the high schools grades 9-12. Students who participate in these athletic courses (UIL sports) may earn a maximum of 4 units in athletics, one for PE and three elective credits. Since these athletic teams compete with other 6A schools, students must try out for the teams by demonstrating strong ability in the skills needed for field performance.

Languages Other Than English (LOTE)

Spanish I

PEIMS: 03440100

Course Abbreviation: SPAN 1

* Required ARD committee placement for modified course

Weight Category: Tier 2

Credit: 1

This course serves as a study of the Spanish language and culture. The student will have the opportunity to master skills under the general requirements of Spanish. Communication skills including listening, speaking, reading, writing, will be developed. Students will develop communication skills by using knowledge of the language, including grammar and culture, communication and learning strategies, technology, and content from other subject areas. Students will socialize, acquire and provide information, express feelings and opinions and get others to adopt a course of action. Cultural awareness is enhanced through literature and real life experiences. Communication skills are the primary focus of this course. The class will be conducted entirely in Spanish.

* This course is also offered with instructional modifications/ accommodations based on student's individualized education program (IEP) as determined by the ARD committee.

Spanish II

PEIMS: 03440200

Course Abbreviation: SPAN 2

* Required ARD committee placement for modified course

Prerequisite: Successful completion of Spanish I, or demonstrated equivalent proficiency as determined by the district.

Weight Category: Tier 2

Credit: 1

This course is intended for students who have successfully completed Spanish I or have acquired the language skills taught in Spanish I. Students will increase their knowledge of the Spanish language, grammatical structures and the expansion of their vocabulary. The focus will continue, to be communication skills including listening, speaking, reading, writing. Cultural awareness is enhanced through literature and real life experiences. The class will be conducted entirely in Spanish.

* This course is also offered with instructional modifications/ accommodations based on student's individualized education program (IEP) as determined by the ARD committee.

Spanish III

PEIMS: 03440300

Course Abbreviation: SPAN 3

Prerequisite: Successful completion of Spanish II, or demonstrated equivalent proficiency as determined by the district.

Weight Category: Tier 2

Credit: 1

This course is intended for students who have successfully completed Spanish II or have acquired the language skills taught in Spanish II. Students will expand their ability to perform tasks of the intermediate language learner. Students should reach intermediate proficiency in reading by the end of this course. Emphasis will be placed in using grammatical structures in conversational Spanish and in literature. Writing is integrated into the spoken language and the literature studied in this course. Cultural awareness is enhanced through literature and real life experiences.

AP Spanish Language and Culture

PEIMS: A3440100

Course Abbreviation: APSPALAN

Prerequisite: Successful completion of Spanish III, or demonstrated equivalent proficiency as determined by the district.

Weight Category: Tier 1

Credit: 1

This course will focus on listening, speaking, reading, and writing at the advanced proficiency level. Preparation for the Advanced Placement Spanish Language and Culture Exam will be addressed. According to the College Board's AP Spanish Course Description, students are expected to "summarize main points and significant details" in literature and in conversation, "recognize cultural elements implicit in oral written texts," "interpret linguistic cues to infer social relationships", "communicate via formal and informal written correspondence", and to "use language that is semantically and grammatically accurate according to a given context".

College Level Academic Readiness (CLAR) AP Spanish Language and Culture

PEIMS: 84600AP1

Course Abbreviation: CLAR-APSPN4

Prerequisite: AP Spanish Language and Culture

Weight Category: Tier 1

Credit: 1 (Local)

This course will explicitly focus on skills and concepts students must master to be successful in the AP exam, namely multiple-choice questions that test everything from reading comprehension, listening comprehension, writing, and speaking: synthesis and analysis. Students will have the opportunity to take timed in-class mock-exams so that they may be able to anticipate what they might experience on the day of the exam. This course will not focus on foundational skills but rather build on them with plentiful routine practice to ensure student success.

AP Spanish Literature and Culture

PEIMS: A3440200

Course Abbreviation: APSPALIT

Prerequisite: Successful completion of Level IV, or demonstrated equivalent proficiency as determined by the district.

Weight Category: Tier 1

Credit: 1

This course introduces students to the formal study of a representative body of texts from Peninsular Spanish, Latin American, and U.S. Hispanic literature. The course provides the opportunity to demonstrate proficiency in Spanish across the three modes of communication (interpersonal, interpretive, and presentational) and the five goal areas (communication, cultures, connections, comparisons, and communities). The course provides students with a learning experience equivalent to that of an introductory college course in literature written in Spanish.

College Level Academic Readiness (CLAR) AP Spanish Literature and Culture

PEIMS: 84600AP2

Course Abbreviation: CLAR-APSPN5

Prerequisites: AP Spanish Literature and Culture

Weight Category: Tier 1

Credit: 1 (Local)

This course will give the students the opportunity to explore and expand their knowledge on the social, historical, and literacy context of the prescribed literature pieces. Students will also have additional opportunities to examine writers' biographies and make connections of literacy piece -author-historical/social context for a better analysis, as it is required in both sections of the AP Spanish Literature Exam. As a continuation of the prior course, students will further their understanding and knowledge of genre, literacy devices and terminology to use it while writing analytical essays. Culture and art will also be a part of this course as it is essential to connect art and literature to answer a short-answer question on section II of the AP exam. Students will continue listening to literary interviews, presentations, testimonies or literature readings to answer specific questions on section I of the exam. Listening, reading, and writing skills will be the focus and will be assessed through routine practice of the different sections of the exam. Speaking skills will be implemented through oral

French I**PEIMS: 03410100***Course Abbreviation: FREN 1**Weight Category: Tier 2**Credit: 1*

This course serves as an introduction to the French language. In Level I, students will develop language proficiency through a functional approach in language instruction by relating each grammar point to its role in communication. A variety of activities from structured practice to open-ended communication gives students practice in listening, speaking, reading, and writing skills. Students will integrate new vocabulary and structures while communicating about their daily lives. In addition, a broad range of cultural insights will be developed through readings and dialogues, increasing the students' awareness of the French-speaking world, as compared to their own. Students will also connect and further their knowledge of other disciplines through French and will be encouraged to use the French language both within and beyond the school setting.

French II**PEIMS: 03410200***Course Abbreviation: FREN 2**Prerequisite: Successful completion of French I, or demonstrated equivalent proficiency as determined by the district.**Weight Category: Tier 2**Credit: 1*

This course begins with a review of materials introduced in Level I. Level II reinforces the development of vocabulary and structure of French and continues to develop language proficiency using carefully sequenced diverse tasks ranging from dialogues and contextualized drills to creative and open-ended activities. This functional approach to grammar and vocabulary builds naturally on the communication skills students have already acquired. In addition, a broad range of cultural insights will be developed through readings and dialogues, increasing the students' awareness of the French-speaking world, as compared to their own world. Students will also continue to connect and further their knowledge of other disciplines through French and will show evidence of becoming lifelong learners by using the language for personal enjoyment and enrichment.

French III**PEIMS: 03410300***Course Abbreviation: FREN 3**Prerequisite: Successful completion of French II, or demonstrated equivalent proficiency or determined by the district**Weight Category: Tier 2**Credit: 1*

This course begins with a review of material introduced in Level II. In Level III students will continue to develop vocabulary and structural patterns of French with a greater emphasis on communicative and written skills. Students will learn to engage in longer conversations, read and interpret more challenging texts, and understand French-language films and videos. They will also have the opportunity to use the French language to learn about history, art, music, social concerns, and civic responsibilities.

Fine Arts Visual and Performing Arts Courses

Art I

PEIMS: 03500100

Course Abbreviation: ART 1

** Required ARD committee placement for modified course*

Weight Category: Tier 2

Credit: 1

This course allows students to study and design general characteristics in artworks from varied artists, styles, techniques and historical periods while using a variety of art media. Students will analyze, interpret and evaluate their own artwork as well as that of well-known artists and by peers.

** This course is also offered with instructional modifications/ accommodations based on student's individualized education program (IEP) as determined by the ARD committee.*

Pre-AP Art I

PEIMS: 03500100

Course Abbreviation: ART I

Weight Category: Tier 1

Credit: 1

Students will have opportunities to practice and strengthen their artistic skills and content knowledge. This Pre-AP Arts course is designed to strengthen skills associated with ideation, experimentation, creation, revision, reflection, and analysis-the full range of processes and activities that artists engage in while producing their work. Students will conduct analysis and interpretation of artistic examples, conduct peer to peer dialogue, experimentation for the technical and expressive content of their work and reflective writing to evaluate their work and progress as young artists.

Art 1301

PEIMS: 03500100

Course Abbreviation: ART I

Weight Category: Tier 1

Credit: 1

Must meet criteria for enrollment

A general introduction to the visual arts designed to create an appreciation of the vocabulary, media, techniques, and purposes of the creative process. Students will critically interpret and evaluate works of art within formal, cultural, and historical contexts.

Art II

PEIMS: 03500500

Course Abbreviation: ART2DRAW

Prerequisite: Art I

Weight Category: Tier 2

Credit: 1

This course continues to further the experience of art I. Students will be able to explore the use of additional art media.

Art III**PEIMS: 03501300***Course Abbreviation: ART3DRAW**Prerequisite: Art II**Weight Category: Tier 2**Credit: 1*

This course is designed to provide a more advanced level by preparing a personal portfolio of selected artworks. The artwork should be an in-depth exploration of one or more themes.

AP 2-D Art and Design**PEIMS: A3500400***Prerequisite: Art II**Weight Category: Tier 1**Credit: 1*

This advanced course allows prepared art students to create two-dimensional designs and explore a variety of media and techniques. The advanced students will be prepared to exhibit a high level of creativity and expertise in design issues and principles within a number of art areas. This course will prepare students to create the Breadth (Section 3) of the Studio Art Portfolio Exam.

**College Level Academic Readiness (CLAR)
AP 2-D Art and Design****PEIMS: 84500AP2***Prerequisite: AP Studio Art - Two-Dimensional Design**Weight Category: Tier 1**Credit: 1 (Local)*

This course will focus on the development of the Concentration portion (Section 2) and Quality (Section 1) portion of the exam. Students will use historical knowledge, technical skills and media experience they have gained through AP Studio Art: 2D to create a personal body of works that explores a sustained investigation of a specific design concept. Students will produce a body of work that displays a thoughtful investigation of a specific visual design problem. Students will document their investigation with a series of conceptually related works that showcase student growth and discovery. The extended time frame allotted for this body of work is important as it ensures that students have the focus and direction required of a concentration.

AP Drawing**PEIMS: A3500300***Course Abbreviation: APSTARTD**Prerequisite: Art II**Weight Category: Tier 1**Credit: 1*

This advanced course allows prepared art students to create artworks and explore desired media (s) of their selection. The advanced students will be prepared to exhibit their high level of creativity and expertise in one or more art areas.

College Level Academic Readiness (CLAR) AP Drawing

PEIMS: 84500AP1

Course Abbreviation: CLAR-APART

Prerequisite: AP Studio Art-Drawing Portfolio

Weight Category: Tier 1

Credit: 1 (Local)

This course will focus on the development of the Concentration portion (Section 2) and Quality (Section 1) portion of the exam. Students will use the historical knowledge, technical skills and media experience they have gained in the previous semester to create a personal body of works that describe an in-depth exploration of a particular drawing or design concern. Students will produce a work that demonstrates a thoughtful investigation of a specific visual idea. Students will document their investigation with a series of conceptually related works that showcase student growth and discovery. The extended time frame allotted for this body of work is important as it ensures that students have the focus and direction required of a concentration.

Theatre Arts I

PEIMS: 03250100

Course Abbreviation: TH1

Weight Category: Tier 2

Credit: 1

This course serves as a general introduction to the fundamental aspects of the theatre and to the development of theatre production, stagecraft skills, expression, and historical influences on theatre.

Pre-AP Theater Arts I

PEIMS: 03250100

Course Abbreviation: TH1

Weight Category: Tier 1

Credit: 1

This course includes a deliberate focus on the process of producing creative works, including generating and refining ideas, practicing skills and techniques, revision, reflection, and collaboration. The Pre-AP approach to arts instruction emphasizes the opportunities for choice making that enhance student's abilities to think critically and creatively as young artists. Theatre instruction highlights skills of research, analysis of sources, constructing arguments and communicating ideas while inviting students to analyze and respond to works of theatre, develop and refine their own ideas by drawing on a variety of source material, and constructively respond to the work of peers as well as their own work.

Theatre Arts II

PEIMS: 03250200

Course Abbreviation: TH2

Prerequisite: Theatre Arts I

Weight Category: Tier 2

Credit: 1

Theatre Arts II develops the skills and concepts introduced in Theatre Arts I with emphasis on the application of acting, analysis of dramatic structure, and production skills through public performance.

Theatre Arts III

PEIMS: 03250300

Course Abbreviation: TH3

Prerequisite: Theatre II

Weight Category: Tier 2

Credit: 1

Theatre Arts III is an advanced performance and directing level course. This course also continues student development in production style and technique through advanced acting, directing, and analysis of production elements.

Theatre Arts IV

PEIMS: 03250400

Course Abbreviation: TH4

Prerequisite: Theatre III

Weight Category: Tier 2

Credit: 1

Theatre Arts IV is a highly advanced performance and production level course for students who will be directly involved with acting, casting, directing, research and rehearsal plans, technical design and blocking. Students take a leadership role in the development of the theatrical production.

Theatre Production 1-4

**PEIMS: 03250700
03250800
03250900
03251000**

Course Abbreviation: TH1PROD, TH2PROD, TH3PROD, TH4PROD

Prerequisites required for Theater Production 2, 3 and 4

Weight Category: Tier 2

Credit: 1

Students develop and present theatrical productions with emphasis on safety, artistic self-discipline, collaboration, exploration of careers and analysis/evaluation of performances.

Technical Theatre I, II

**PEIMS: 03250500
03250600**

Course Abbreviation: TH1TECH, TH2TECH

*Prerequisite: *Required Instructor Approval*

*Prerequisites *Required for Tech Theater 2*

Weight Category: Tier 2

Credit: 1

Students learn stagecraft, design, theatre safety, scenery, properties, lighting, sound, costumes, makeup, public relations and career opportunities and evaluate live performances.

Dance I, Principles of Dance 1

PEIMS: 03830100

Course Abbreviation: DANCE 1

Weight Category: Tier 2

Credit: 1

Dance I will introduce students to the fundamental aspects of dance performance through memorized movements in genres such as classical ballet, jazz, modern and ethnic/folk dance. Students will learn proper conditioning, appropriate anatomical terminology.

Pre AP Dance 1, Principles of Dance 1

PEIMS: 03830100

Course Abbreviation: DANCE 1

Weight Category: Tier 1

Credit: 1

This dance course will focus on the process of producing creative works, generating and refining ideas, practicing skills and techniques, revision, reflection and collaboration with other students. Students have more opportunities for critical thinking and creativity as young dance artists. Students will focus on skills of research, analysis of sources, constructing arguments, and communicating ideas. Students are expected to analyze and respond to works of dance, develop and refine their own ideas and use constructive responses to the work of peers.

Dance II, Principles of Dance 2

PEIMS: 03830200

Course Abbreviation: DANCE 2

Prerequisite: Dance I

Weight Category: Tier 2

Credit: 1

Dance II will continue to use anatomical, movement and dance terminology, exhibit strength, flexibility and endurance in dance training and performances in traditional concert dance styles. Students will analyze qualities of performance and production in dance and apply dance-related skills such as creative problem-solving, cooperation and self-discipline to various work experience. Students will begin to choreograph short dances.

Dance III, Principles of Dance 3

PEIMS: 03830300

Course Abbreviation: DANCE 3

Prerequisite: Dance II

Weight Category: Tier 2

Credit: 1

In Dance III students are expected to perform memorized complex movements in traditional concert dance styles with projection, rhythmic accuracy, confidence and expression. This course is designed to study more intricate routines and develop challenging group project choreography based on an historical event or theme as well as analyze dance from a variety of perspectives such as those of dancer, critic, performer, choreographer and audience member.

Dance IV, Principles of Dance 4

PEIMS: 03830400

Course Abbreviation: DANCE 4

Prerequisite: Dance III

Weight Category: Tier 2

Credit: 1

Dance IV students demonstrate consistency in performing advanced technical dance skills in traditional concert styles with a refined sense of rhythm, musicality, clarity, expressiveness and a wide range of spatial qualities. Students will choreograph and analyze dances using thematic development, variation and resolution to successfully communicate an idea. Preparing a portfolio requires research and creating a project illustrating an understanding of significant dance events or historical figures in appropriate social, historical and cultural contexts is required.

Band, Orchestra, and Choir

Band I

PEIMS: PES00012

Course Abbreviation: SUBMB

Prerequisite: Audition and Band Director Approval

Weight Category: Tier 2

Credit: 1

Students will develop their musical skills, read and write music notation, and perform at events and competitions. During the fall, students will coordinate physical movement (marching) with their instrumental performance. Students are required to attend football games. After marching season, students will concentrate on developing their musical knowledge and skills in a concert setting. This course will require that students attend summer band rehearsals, practice before and after school normal hours, and participate in performances and competitions.

Band II

PEIMS: 03150200

Course Abbreviation: MUS2BAND

Prerequisite: Band I and Band Director Approval

Weight Category: Tier 2

Credit: 1

Students continue to develop their musical skills, read and write music notation, and perform at events and competitions. During the fall, students will coordinate physical movement (marching) with their instrumental performance. Students are required to attend football games. After marching season, students will concentrate on developing their musical knowledge and skills in a concert setting. This course will require that students attend summer band rehearsals, practice before and after school normal hours, and participate in performances and competitions.

Band III

PEIMS: 03150300

Course Abbreviation: MUS3BAND

Prerequisite: Band II and Band Director Approval

Weight Category: Tier 2

Credit: 1

Students will further develop their musical skills, read and write music notation, and perform at events and competitions. During the fall, students will coordinate physical movement (marching) with their instrumental performance. Students are required to attend football games. After marching season, students will concentrate on developing their musical knowledge and skills in a concert setting. This course will require that students attend summer band rehearsals, practice before and after school normal hours, and participate in performances and competitions.

Band IV

PEIMS: 03150400

Course Abbreviation: MUS4BAND

Prerequisite: Band III and Band Director Approval

Weight Category: Tier 2

Credit: 1

Students will develop advanced musical skills, read and write music notation, and perform at events and competitions. During the fall, students will coordinate physical movement (marching) with their instrumental performance. Students are required to attend football games. After marching season, students will concentrate on developing their musical knowledge and skills in a concert setting. This course will require that students attend summer band rehearsals, practice before and after school normal hours, and participate in performances and competitions.

Orchestra

PEIMS: 03150500 - I

PEIMS: 03150600 - II

PEIMS: 03150700 - II

PEIMS: 03150800 - IV

Course Abbreviation: MUS1ORCH, MUS2ORCH, MUS3ORCH, MUS4ORCH

Prerequisites required for II, III, IV and Teacher approval for Orchestra I

Weight Category: Tier 2

Credit: 1

This course offers advanced musical instruction to students that already know, cello or string bass. Orchestra is a performing ensemble for students while using standard orchestra literature. At the discretion of the director, wind instruments and/or percussion may be added to provide full orchestra experience. The objectives of these orchestra courses include rehearsals before and after school and on weekends. Participating in competitions and performances is an expectation of this course. Students in the class actively participate in UIL Concert/Sight reading Contest, Solo/Ensemble Contest, local concerts, and solo performances. This course is offered at Alexander High School only.

Instrumental Ensemble I

PEIMS: 03151700

Course Abbreviation: MUS11NEN

Prerequisite: Band /Orchestra Director approval

Weight Category: Tier 2

Credit: 1

Instrumental Ensemble I is a course for students seeking to perform literature designed for specific instrumentation as well as literature designed for each solo instrument. Groups such as mariachi and medium ensembles have an opportunity to work together to learn advanced musical literature. Instrumentation is to be determined by the director.

Pre-AP Instrumental Ensemble I

PEIMS: 03151700

Course Abbreviation: MUS11NEN

Prerequisite: Band/Orchestra Director approval

Weight Category: Tier 1

Credit: 1

This course emphasizes the opportunities for choice making that enhance students' abilities to think critically and creatively as artists. It includes a deliberate focus on the process of producing creative works, including generating and refining ideas, practicing skills and techniques, revision, reflection, and collaboration.

Music instruction highlights these skills as well, inviting students to analyze and respond to works of music, learn advanced musical terminology, practice notational and compositional skills.

Instructional resources for Pre-AP Arts courses include regular opportunities for writing, not to replace or take precedence over creative work, higher order questioning and participation in collaborative discussions on professional musical works as well as their own work.

This PEIMS number is also used for PRE AP Orchestra I

Instrumental Ensemble II

PEIMS: 03151800

Course Abbreviation: MUS21NEN

Prerequisite: Ensemble I and Band /Orchestra Director approval

Weight Category: Tier 2

Credit: 1

Instrumental Ensemble II is for students seeking to continue performing literature designed for a specific instrumentation as well as literature designed for each solo instrument. Groups such as mariachi and medium ensembles have an opportunity to work together to learn advanced musical literature. Instrumentation is to be determined by the director.

Instrumental Ensemble III

PEIMS: 03151900

Course Abbreviation: MUS31NEN

Prerequisite: Ensemble II and Band/Orchestra Director approval

Weight Category: Tier 2

Credit: 1

Instrumental Ensemble III is for students that seek to continue performing advanced literature designed for a specific instrumentation as well as literature designed for each solo instrument. Groups such as mariachi and medium ensembles have an opportunity to work together to learn advanced musical literature. Instrumentation is to be determined by the director.

Instrumental Ensemble IV**PEIMS: 03152000***Course Abbreviation: MUS3INEN**Prerequisite: Ensemble III and Band /Orchestra Director approval**Weight Category: Tier 2**Credit: 1*

Instrumental Ensemble IV is for advanced students that wish to continue performing literature designed for a specific instrumentation as well as literature designed for each solo instrument. Groups such as mariachi and medium ensembles have an opportunity to work together to learn advanced musical literature. Instrumentation is to be determined by the director.

Choir, Music I**PEIMS: 03150900***Course Abbreviation: MUS1CHOR**Prerequisite: Teacher Approval**Weight Category: Tier 2**Credit: 1*

Students perform a varied repertoire of music as they develop their skills in vocal training, reading and writing music/music notation, learning music theory and participating in performances and competitions. This course will require additional rehearsals beyond regular school hours and participation in competitions and events as designated by the choir director.

Choir, Music II**PEIMS: 03151000***Course Abbreviation: MUS2CHOR**Prerequisite: Choir I**Weight Category: Tier 2**Credit: 1*

Students continue to develop their skills in vocal training, reading and writing music/music notation, learning music theory and participating in performances and competitions. This course will require additional rehearsals beyond regular school hours and participation in competitions and events as designated by the choir director.

Choir, Music III**PEIMS: 03151100***Course Abbreviation: MUS3CHOR**Prerequisite: Choir II**Weight Category: Tier 2**Credit: 1*

Students further develop their skills in vocal training, reading and writing music/music notation, learning music theory and participating in performances and competitions. This course will require additional rehearsals beyond regular school hours and participation in competitions and events as designed by the choir director.

Choir, Music IV**PEIMS: 03151200***Course Abbreviation: MUS4CHOR**Prerequisite: Choir III**Weight Category: Tier 2**Credit: 1*

Students fully develop their skills in vocal training, reading and writing music/music notation, learning music theory and participating in performances and competitions. This course will require additional rehearsals beyond regular school hours and participation in competitions and events as designated by the choir director.

Vocal Ensembles I**PEIMS: 03152100***Course Abbreviation: MUS1VOEN**Prerequisite: Teacher approval**Weight Category: Tier 2**Credit: 1*

Vocal ensembles are for students with a high interest in singing and performing choral literature other than that studied in choir. Size and composition of each group are designed to meet requirements of the music to be studied. Music will range from solos to any combination of two or more voices. Ensembles will consist of madrigals, vocal jazz, and other contemporary voice mixtures. This course will require additional rehearsals beyond regular school hours and participation in competitions and events as designated by the choir director.

Vocal Ensembles II**PEIMS: 03152200***Course Abbreviation: MUS2VOEN**Prerequisite: Vocal Ensemble I**Weight Category: Tier 2**Credit: 1*

Students continue singing and performing choral literature. Music will range from solos to any combination of two or more voices. Ensembles will consist of madrigals, vocal jazz, and other contemporary voice mixtures. This course will require additional rehearsals beyond regular school hours and participation in competitions and events as designated by the choir director.

Vocal Ensembles III**PEIMS: 03152300***Course Abbreviation: MUS3VOEN**Prerequisite: Vocal Ensemble II and Teacher approval**Weight Category: Tier 2**Credit: 1*

Students continue singing and performing advanced choral literature. Music will range from solos to any combination of two or more voices. Ensembles will consist of madrigals, vocal jazz, and other contemporary voice mixtures. This course will require additional rehearsals beyond regular school hours and participation in competitions and events as designated by the choir director.

Vocal Ensembles IV

PEIMS: 03152400

Course Abbreviation: MUS4VOEN

Prerequisite: Vocal Ensemble III and Teacher approval

Weight Category: Tier 2

Credit: 1

Students continue singing and performing more advanced choral literature. Music will range from solos to any combination of two or more voices. Ensembles will consist of madrigals, vocal jazz, and other contemporary voice mixtures. This course will require additional rehearsals beyond regular school hours and participation in competitions and events as designated by the choir director.

Jazz Band I

PEIMS: 03151300

Course Abbreviation: MUS1JZBN

Prerequisite: Band Director approval

Weight Category: Tier 2

Credit: 1

Jazz ensemble is designed to help the advanced band student's ability to perform music of the jazz idiom. Class emphasis consists of style development, improvisation, and contemporary trends in jazz. Students enrolled in this course will be required to attend additional rehearsals (before and after school hours and weekends), performances, and competitions.

Jazz Band II

PEIMS: 03151400

Course Abbreviation: MUS2JZBN

Prerequisite: Jazz Band I and Band Director approval

Weight Category: Tier 2

Credit: 1

Jazz ensemble II continues to develop the advanced band student's ability to perform music of the jazz idiom. Class emphasis consists of style development, improvisation, and contemporary trends in jazz. Students enrolled in this course will be required to attend additional rehearsals (before and after school hours and weekends), performances, and competitions.

Mariachi I & II

PEIMS: 03153800

PEIMS: 03153900

Course Abbreviation: MUS1MAR, MUS2MAR

Prerequisite: For Mariachi 1 Band Director approval

Prerequisite: For Mariachi 2 is Mariachi I Band Director approval

Weight Category: Tier 2

Credit: 1

This performing ensemble is designed to provide students the opportunity to study the history of mariachi literature, stage presentation, and performance. Students must be enrolled congruently in band, choir, or string orchestra in order to hold membership in the mariachi. The organization actively performs for campus, District, and city-wide events.

Other Electives

College Prep

PEIMS: 85000CPC

Course Abbreviation: COLLPREP

Weight Category: Tier 1

Credit: 1 (Local)

This College Prep course is an 18 week course designed for seniors. It allows the students to explore college/universities and career choices. Students are required to research different colleges/universities and careers and present their findings to the class. In addition, the students are also required to fill out college applications such as ApplyTexas and the Common Application. Students also work on personal essays that are required for scholarship applications. Furthermore, students begin their financial aid process.

High School 101

PEIMS: N1290050

Course Abbreviation: CLGTRN

Weight Category: Tier 2

Credit: 1

High School 101 is a course for all incoming 9th graders which focuses on the skills and strategies needed to assist students in making a successful transition to high school. This course is designed to build skills that will support them in future transitions to career, college, adulthood and independence. To fulfill the requirement of House Bill 5, students shall review and explore Personal Graduation Plan options, endorsement choices, and the importance of post secondary education and all its opportunities in order to help them establish immediate and long range personal goals. After identifying these goals, students will also focus on developing time management skills, organization and study skills which will assist them in accomplishing their goals. Students will also cover other state mandated topics such as "Bullying" that will be embedded to assist students as they transition to their new high school surroundings. In addition, High School 101 will link relevant concepts so that students understand the "big picture" in preparing for life after high school.

Scientific Investigations

PEIMS: 84800SI1

Course Abbreviation: SCI-INV

Weight Category: Tier 2

Credit: 1 (Local)

Scientific Investigations is an enrichment program designed to enhance the study of biology. The emphasis will be on the TEKS objectives with many hands-on activities and in depth experiments. Students will be required to follow the scientific method: write lab reports and conclusions, perform experiments, use technology for research and additionally become investigators of subjects within the biology scope. The students will learn test taking strategies, cooperative learning structures and a few life and college skills. The purpose of this class is to prepare students for biology class and to assist in the rigor required to be successful in their biology class.

Social Studies Advanced Studies**PEIMS: 03380001***Course Abbreviation: SSADV1**Weight Category: Tier 2**Credit: 1*

In Social Studies Advanced Studies, an elective course, students conduct In-depth research, prepare a product of professional quality, and present their findings to appropriate audiences. Students, working independently or in collaboration with a mentor, investigate a problem, issue, or concern; research the topic using a variety of technologies; and present a product of professional quality to an appropriate audience.

Activities of Daily Living I**PEIMS: 85000DL1***Course Abbreviation: ADLIVING1***Required ARD committee placement**Weight Category: Tier 2**Credit: 1 (Local)*

This course provides individuals with essential knowledge and skills for managing the challenges of living in society. Individuals will learn, increase, and utilize these skills to enhance personal effectiveness, promote family strength, well-being, make informed choices, develop consumer and financial management skills. This class is taught based on individual goals and objectives

Activities of Daily Living II**PEIMS: 85000DL2***Course Abbreviation: ADLIVING2**Prerequisite: Activities of Daily Living I***Required ARD committee placement**Weight Category: Tier 2**Credit: 1 (Local)*

This course provides individuals with essential knowledge and skills for managing the challenges of living in society. Individuals will learn, increase, and utilize these skills to enhance personal effectiveness, promote family strength, well-being, make informed choices, develop consumer and financial management skills. This class is taught based on individual goals and objectives

Activities of Daily Living III**PEIMS: 85000DL3***Course Abbreviation: ADLIVING4***Required ARD committee placement**Prerequisite: Activities of Daily Living II**Weight Category: Tier 2**Credit: 1 (Local)*

This course provides individuals with essential knowledge and skills for managing the challenges of living in society. Individuals will learn, increase, and utilize these skills to enhance personal effectiveness, promote family strength, well-being, make informed choices, develop consumer and financial management skills. This class is taught based on individual goals and objectives.

Activities of Daily Living IV

PEIMS: 85000DL4

Course Abbreviation: ADLIVNG4

Prerequisite: Activities of Daily Living III

**Required ARD committee placement*

Weight Category: Tier 2

Credit: 1 (Local)

This course provides individuals with essential knowledge and skills for managing the challenges of living in society. Individuals will learn, increase, and utilize these skills to enhance personal effectiveness, promote family strength, well-being, make informed choices, develop consumer and financial management skills. This class is taught based on individual goals and objectives.

Occupational Prep. I

PEIMS: 85000OP1

Course Abbreviation: OCPREPI

Prerequisite: Must meet placement criteria

**Required ARD committee placement*

Weight Category: Tier 2

Credit: 1 (Local)

Students develop skills by rotating through various unpaid work experiences to gain knowledge such as job site expectations, handling breaks, developing time management, understanding business hierarchy, building safety skills on the job and in the community and to understand their personal preferences. This class is taught based on individual goals and objectives.

Occupational Prep. II

PEIMS: 85000OP2

Course Abbreviation: OCPREP2

Prerequisite: Occupational Prep 1

**Required ARD committee placement*

Weight Category: Tier 2

Credit: 1 (Local)

Students build a foundation for employability skills such as understanding job responsibilities, basic work ethics, safety on the job, organizational skills, social skills for employment, accepting supervision and building workplace stamina at unpaid campus jobs. Students also gain experience by participating in campus-based businesses. This class is taught based on individual goals and objectives.

Occupational Prep. III

PEIMS: 85000OP3

Course Abbreviation: OCPREP3

Prerequisite: Occupational Prep 2

**Required ARD committee placement*

Weight Category: Tier 2

Credit: 1 (Local)

This course is focused on researching and exploring careers by defining job interests and recognizing student interests and strengths. Students also gain skills necessary for employment such as interview skills, becoming familiar with the application process, employer expectations and increasing workplace stamina at unpaid on-campus jobs. This class is taught based on individual goals and objectives.

Team Sport Officiating

PEIMS: N1160012

Course Abbreviation: TEAMOFF

Prerequisites: Students must have earned their one credit of state mandated physical education.

Weight Category: Tier 2

Grades 10-12

Credit: 1

This course is designed to develop the student's comprehension of the rules and regulations of selected team sports allowing the student to effectively communicate, make decisions and manage conflict when officiating sports competitions. Students will learn the role and responsibilities of officiating at different competition levels and how to work closely with coaches, players, parents and other involved in competitive athletic events. In addition students will learn the legal rights and responsibilities of being an official. As part of becoming an official students will participate in and receive certification in CPR/First Aid/AED skills. Upon successful completion of this course students will become certified officials making them employable in the sports certified.

Career and Technology Education (CTE)

Advanced Computer Science

PEIMS: 03580200

Prerequisite: Algebra I and BIM I

Course Abbreviation: TACS1

Weight Category: Tier 1

Credit: 1

This course (Previously Pre-AP Computer Science) serves as a gentle introduction to the exciting subject of Computer Science. The focus is on programming concepts and problem solving methods rather than mastering a specific programming language. General topics include computer hardware and software architecture, computer ethics and security, program analysis and basic programming fundamentals such as expressions, statements, control structures, variables, arrays, functions, parameters and exception handling and debugging. More abstract topics such as algorithms, file input and output, data structures and stepwise refinement are also explored. Students are tasked with making both a usable website that includes HTML, CSS and JavaScript elements as well as designing a constructing and interactive text-based adventure game written in the Python programming language.

Fundamentals of Computer Science I

PEIMS: 03580140

Course Abbreviation: TAFCS

Prerequisite: Algebra I

Weight Category: Tier 2

Credit: 1

This course 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 the principles of computer science through the study of technology operations, systems, and concepts.

Web Design

PEIMS: 03580820

Course Abbreviation: TAWEBDN

Weight Category: Tier 2

Credits: 1

This course is a project-based course that teaches students how to build their own web pages. Students will learn the languages HTML and CSS, and will create their own live homepages to serve as portfolios of their creations. By the end of this course, students will be able to explain how web pages are developed and viewed on the Internet, analyze and fix errors in existing websites, and create their very own multipage websites.

AP Computer Science Principles

PEIMS: A3580300

Course Abbreviation: APCSPRIN

Prerequisite: Algebra I, and BIM I

Weight Category: Tier 1

Credit: 1

The goal of AP Computer Science Principles is to provide a broad, inspiring overview of computer science that is appropriate for all students who have completed a high school algebra course. By the end of this course, students will become empowered to critically analyze computing innovations as well as create inspiring applications that express their interests. In addition, they will be ready to incorporate computational thinking into their future fields of study.

College Academic Readiness (CLAR) AP Computer Science Principles

PEIMS: 84700AP2

Course Abbreviation: CLAR-APCSP

Prerequisite: AP Computer Science Principles

Weight Category: Tier 1

Credit: 1 (Local)

The CLAR AP Computer Science Principles course offers students a broad understanding of the underlying principles of computation and provides the opportunity to explore contemporary computer science topics while thoroughly preparing students for the AP CS Principles exam. Students will be introduced to the creative aspects of programming, abstractions, algorithms, large data sets, the internet, as well as cybersecurity concerns, and the impacts computing innovations have on society. This course also gives students the opportunity to enhance their problem-solving skills as they create their own programs and computational artifacts. Overall this course is an excellent introduction to the exciting subject of computer science and will give prospective computer science and engineering students an opportunity to better understand the foundational principles of computing while fulfilling the requirements of a college level introductory computing course.

AP Computer Science A–Math

PEIMS: A3580100

Course Abbreviation: APTACSAM

Prerequisite: Advanced Computer Science, or AP Computer Science Principles, Algebra I and BIM I

Weight Category: Tier 1

Credit: 1

AP Computer Science A is both a college-prep course for potential computer science majors and a foundation course for students planning to study in other technical fields such as engineering, physics, chemistry, and geology. This course emphasizes programming methodology, procedural abstraction, and in-depth study of algorithms, data structures, and data abstractions, as well as a detailed examination of a three AP Computer Science A labs. Instruction includes preparation for the AP Computer Science A Exam. In teaching this course, my reward comes when students can apply the programming tools they have learned to real-life examples on their own. Computer Science is more than just programming. Students should leave my class with a clear understanding of Java and the ability to adapt to any new programming language that they are taught in college. I want them to have the confidence to tackle any problem-solving obstacles they encounter.

AP Computer Science A - LOTE

PEIMS: A3580120

Course Abbreviation: APTACSAL

Prerequisite: Advanced Computer Science, or AP Computer Science Principles, Algebra I and BIM I

Weight Category: Tier 1

Credit: 1

Beginning with the 2018-2019 academic year, students shall be awarded two credits for the successful completion of AP Computer Science A. The SBOE also adopted a new rule stating that a district shall allow a student who successfully completes AP Computer Science A to satisfy **both** one advanced mathematics requirement and one language other than English requirement of graduation (TAC 74.11 (K)). The amended rule was effective August 27, 2018

College Level Academic Readiness (CLAR) AP Computer Science

PEIMS: 84700API

Course Abbreviation: CLAR-APTACS

Weight Category: Tier 1

Credit: 1 (Local)

The CLAR AP Computer Science course will serve as a companion for AP Computer Science A to aid students on augmenting skills, strategies and knowledge that are fundamental to succeed in the AP Computer Science exam. Hence, a large part of the course is designed around Java subset, object-oriented programming, algorithm analysis, and data structure. The course also concentrates on the AP Computer Science A labs (Magpie Chabot, Picture Lab, Elevens) and the building of a strong logic foundation. In addition, students will be exposed to the AP Computer Science Exam format with both multiple choice and free response questions to achieve success on the day of the examination.

Agriculture, Food, and Natural Resources



Advanced Animal Science

PEIMS: 13000700

Course Abbreviation: ADVANSCI

Prerequisites: biology and Chemistry or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; & either Small Animal Management or Equine Science.

Recommended for grades: 11-12

Weight Category: Tier 2

Credit: 1

This course will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. To prepare for success, students need opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings.

Agriculture Equipment Design and Fabrication

PEIMS: 13002300

Course Abbreviation: AGSDF

Recommended for grades: 11-12

Weight Category: Tier 2

Credit: 1

In Agricultural Equipment Design and Fabrication, students will acquire knowledge and skills related to the design and fabrication of agricultural equipment.

Agriculture Mechanics & Metal Technologies

PEIMS: 13002200

Course Abbreviation: AGMECHMT

Recommended for grades: 10-12

Weight Category: Tier 2

Credit: 1

This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations.

Equine Science

PEIMS: 13000500

Course Abbreviation: EQUINSCI

Weight Category: Tier 2

Credits: 0.5

In this course, students will acquire knowledge and skills related to equine animal systems and the equine industry. Equine Science may address topics related to horses, donkeys, and mules. To prepare for careers in the field of animal science, students must enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Livestock Production

PEIMS: 13000300

Course Abbreviation: LIVEPROD

Prerequisite: Small Animal Science/Equine Science.

Weight Category: Tier 2

Credit: 1

In this course, students will acquire knowledge and skills related to livestock and the livestock production industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry.

Practicum in Agriculture, Food and Natural Resources

PEIMS: 13002500

Course Abbreviation: PRACAFBR1

Recommended for grades: 11-12

Weight Category: Tier 2

Credits: 2

This course 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 experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food, and Natural Resources Career Cluster.

Principles of Agriculture, Food and Natural Resources

PEIMS: 13000200

Course Abbreviation: PRINAFNR

Recommended for grades: 9-12

Weight Category: Tier 2

Credits: 1

This course will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations.

Small Animal Science

PEIMS: 13000400

Course Abbreviation: SMANIMGT

Weight Category: Tier 2

Credits: 0.5

In this course, students will acquire knowledge and skills related to small animals and the small animal management industry. Small Animal Management may address topics related to small mammals such as dogs and cats, amphibians, reptiles, and birds

Architecture and Construction



Construction Technology I

PEIMS: 13005100

Course Abbreviation: CONTECH1

Prerequisite: Principles of Construction

Recommended for grades: 10-12

Weight Category: Tier 2

Credits: 2

In this course, students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing. For safety and liability considerations, limiting course enrollment to 15 students is recommended.

Construction Technology II

PEIMS: 13005200

Course Abbreviation: CONTECH2

Prerequisite: Construction Technology I

Recommended for grades: 11-12

Weight Category: Tier 2

Credits: 2

In this course, students will gain advanced knowledge and skills needed to enter the workforce as carpenters, building maintenance technicians, or supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will build on the knowledge base from Construction Technology I and are introduced to exterior and interior finish out skills. For safety and liability considerations, limiting course enrollment to 15 students is recommended.

**Heating, Ventilation, Air-Conditioning,
(HVAC) Refrigeration Technology I****PEIMS: 13005800***Course Abbreviation: HVACREF1**Recommended for grades: 10-12**Weight Category: Tier 2**Credits: 1*

In this course, students will gain knowledge and skills needed to enter the industry as technicians in the HVAC and refrigeration industry or building maintenance industry, prepare for a postsecondary degree in a specified field of construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, principles of HVAC theory, use of tools, codes, and installation of HVAC and refrigeration equipment.

**Heating, Ventilation, Air-Conditioning,
(HVAC) Refrigeration Technology II****PEIMS: 13005900***Course Abbreviation: HVACREF2**Prerequisite: HVAC Refrigeration Technology I**Recommended for grades: 11-12**Weight Category: Tier 2**Credits: 2*

In this course, students will gain knowledge and skills needed to enter the industry as technicians in the HVAC and refrigeration industry or building maintenance industry, prepare for a postsecondary degree in a specified field of construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, principles of HVAC theory, use of tools, codes, and installation of HVAC and refrigeration equipment.

Principles of Construction**PEIMS: 13004220***Course Abbreviation: PRINCON**Recommended for grades: 9-12**Weight Category: Tier 2**Credit: 1*

This course is intended to provide an introduction and lay a solid foundation for those students entering the construction or craft skilled areas. The course provides a strong knowledge of construction safety, construction mathematics, and common hand and power tools. For safety and liability considerations, limiting course enrollment to 15 students is recommended. This course also provides communication and occupation skills to assist the student in obtaining and maintaining employment.

Arts, Audio /Video Technology, and Communications



Advanced Video Game Programming

PEIMS: N1300995

Prerequisite: Video Game Design and Video Game Programming

Course Abbreviation: ADVIDEOGP

Weight Category: Tier 2

Credit: 1

Students will be introduced to mobile application design and programming using Java and Eclipse for Android devices. Time will be spent learning basic Java programming and working with Android Studio to develop real working apps. Using unity as an introduction to 3D game development, students will have exposure to and an understanding of: object-oriented programming concepts; game development skill with programs such as unity; 3D modeling with programs such as blender; image manipulation with programs such as GIMP; concepts related to the design process; and the ability to communicate and collaborate on group-based projects.

Animation I

PEIMS: 13008300

Course Abbreviation: ANIMAT1

Recommended for grades: 10-12

Weight Category: Tier 2

Credit: 1

In addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the history and techniques of the animation industry.

Audio/Video Production I

PEIMS: 13008500

Course Abbreviation: AVPROD1

Recommended for grades: 9-12

Weight Category: Tier 2

Credits: 1

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video products.

Audio/Video Production II/AVP Lab

PEIMS: 13008610

Course Abbreviation: AVPLAB2

Prerequisite: Audio/Video Production I

Recommended for grades: 10-12

Weight Category: Tier 2

Credit: 2

Building upon the concepts taught in Audio/Video Production, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production products. Through diverse forms of storytelling and production, students will exercise and develop creativity, intellectual curiosity, and critical-thinking, problem-solving, and collaborative skills. This course may be implemented in an audio format or a format with both audio and video. Requiring a lab requisite for the course affords necessary time devoted specifically to the production and post-production process.

Digital Media

PEIMS: 13027800

Course Abbreviation: DIMEDIA

Recommended for grades: 9-12

Weight Category: Tier 2

Credit: 1

In this course, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students will enhance reading, writing, computing, communication, and critical thinking and apply them to the IT environment.

Graphic Design and Illustration I

PEIMS: 13008800

Course Abbreviation: GRAPHDI1

Recommended for grades: 10-12

Weight Category: Tier 2

Credit: 1

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design.

Graphic Design and Illustration II/GDI II Lab

PEIMS: 13008910

Course Abbreviation: GRDLAB2

Prerequisites: Graphic Design and Illustration I

Recommended for grades: 10-12

Weight Category: Tier 2

Credits: 2

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.

Principles of Arts, Audio/Video Technology and Communication

PEIMS: 13008200

Course Abbreviation: PRINAAVTC

Recommended for grades: 9

Weight Category: Tier 2

Credit: 1

Careers in the Arts, Audio/Video Technology, and Communications Career Cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

Professional Communications

PEIMS: 13009900

Course Abbreviation: PROFCOMM

Recommended for grades: 9-12

Weight Category: Tier 2

Credit: 0.5

Professional Communications blends written, oral, and graphic communication in a career based environment. Careers in the global economy 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. Within this context, 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.

Video Game Design

PEIMS: 13009970

Course Abbreviation: VIDGD

Recommended for grades: 9-12

Weight Category: Tier 2

Credit: 1

This course will allow students to explore one of the largest industries in the global marketplace and the new emerging careers it provides in the field of technology. Students will learn gaming, computerized gaming, evolution of gaming, artistic aspects of perspective, design, animation, technical concepts of collision theory, and programming logic. Students will participate in a simulation of a real video game design team while developing technical proficiency in constructing an original game design.

Video Game Programming

PEIMS: N1300994

Prerequisite: Video Game Design

Course Abbreviation: VIDEOPR

Recommended for grades: 10 -12

Weight Category: Tier 2

Credit: 1

This course expands on the foundation created in Video Game Design through programming languages such as: C# programming, XNA game studio, Java, and Android App. In this course, students will investigate the inner workings of a fully functional role-playing game (RPG) by customizing playable characters, items, maps, and chests and eventually applying customizations by altering and enhancing the core game code.

Business, Marketing, and Finance



Accounting I

PEIMS: 13016600

Course Abbreviation: ACCOUNT1

Recommended for grades: 10-12

Weight Category: Tier 2

Weight Category: Tier 1 (Magnet Program)

Credit: 1

In this course, students will investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students will reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students will formulate and interpret financial information for use in management decision making.

Accounting II

PEIMS: 13016700

Course Abbreviation: ACCOUNT2

Prerequisite: Accounting I

Recommended for grades: 11-12

Weight Category: Tier 2

Credit: 1

In this course, students will continue the investigation of the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students will reflect on this knowledge as they engage in various managerial, financial, and operational accounting activities. Students will formulate, interpret, and communicate financial information for use in management decision making. Students will use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems in real-world situations to maintain, monitor, control, and plan the use of financial resources.

Business Information Management I

PEIMS: 13011400

Course Abbreviation: BUSIM1

Recommended for grades: 9-12

Weight Category: Tier 2

Credit: 1

In this course, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

Business Information Management II

PEIMS: 13011500

Course Abbreviation: BUSIM2

Prerequisite: BIM I

Recommended for grades: 10-12

Weight Category: Tier 2

Credit: 1

In this course, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software.

Business Law

PEIMS: 13011700

Course Abbreviation: BUSLAW

Recommended for grades: 11-12

Weight Category: Tier 1 (Magnet Program)

Credit: 1

This course is designed for students to analyze various aspects of the legal environment, including ethics, the judicial system, contracts, personal property, sales, negotiable instruments, agency and employment, business organization, risk management, and real property.

Business Management

PEIMS: 13012100

Course Abbreviation: BUSMGT

Recommended for grades: 10-12

Weight Category: Tier 1 (Magnet Program)

Credit: 1

This course is designed to familiarize students with the concepts related to business management as well as the functions of management, including planning, organizing, staffing, leading, and controlling. Students will also demonstrate interpersonal and project-management skills.

Financial Analysis

PEIMS: 13016800

Course Abbreviation: FINANAL

Prerequisite: Accounting I as per LCC articulation agreement

Recommended for grades: 11-12

Weight Category: Tier 2

Credit: 1

In this course, students will apply knowledge and technical skills in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students will develop analytical skills by actively evaluating financial results of multiple businesses, interpreting results for stakeholders, and presenting strategic recommendations for performance improvement.

Global Business

PEIMS: 13011800

Course Abbreviation: *GLOBBUS*

Recommended for grades: 10-12

Weight Category: Tier 2

Weight Category: Tier 1 (Magnet Program)

Credit: ½

This course is designed for students to analyze global trade theories, international monetary systems, trade policies, politics, and laws relating to global business as well as cultural issues, logistics, and international human resource management.

Human Resources Management

PEIMS: 13011900

Course Abbreviation: *HRMGT*

Recommended for grades: 11-12

Weight Category: Tier 2

Weight Category: Tier 1 (Magnet Program)

Credit: ½

This course is designed to familiarize students with the concepts related to human resource management, including legal requirements, recruitment and employee selection methods, and employee development and evaluation. Students will also become familiar with compensation and benefits programs as well as workplace safety, employee-management relations, and global impacts on human resources.

Money Matters

PEIMS: 13016200

Course Abbreviation: *MONEYM*

Recommended for grades: 9-12

Weight Category: Tier 2

Credit: 1

In this course, students will investigate money management from a personal financial perspective. Students will apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain knowledge and skills necessary to establish short-term and long-term financial goals. Students will examine various methods of achieving short-term and long-term financial goals through various methods such as investing, tax planning, asset allocation, risk management, retirement planning, and estate planning.

Principles of Business, Marketing and Finance

PEIMS: 13011200

Course Abbreviation: *PRINBMF*

Recommended for grades: 9-11

Weight Category: Tier 2

Credit: 1

In this course, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in business, marketing, and finance.

Securities and Investments

PEIMS: 13016400

Course Abbreviation: *SECINV*

Recommended for grades: 10-12

Weight Category: Tier 1

Credit: 1

In this course, students will understand the laws and regulations to manage business operations and transactions in the securities industry.

Education and Training



Human Growth and Development

PEIMS: 13014300

Course Abbreviation: HUGRDEV

Recommended for grades: 10-12

Weight Category: Tier 2

Credit: 1

This course is an examination of human development across the lifespan with emphasis on research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development.

Instructional Practices

PEIMS: 13014400

Prerequisite: Human Growth and Development

Course Abbreviation: INPRAC

Recommended for grades: 11-12

Weight Category: Tier 2

Credits: 2

NOTE: Criminal Background check required

This course is a field-based (practicum) internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators or trainers in direct instructional roles with elementary, middle school, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational personnel.

Principles of Education and Training

PEIMS: 13014200

Course Abbreviation: PRINEDTR

Recommended for grades: 9-10

Weight Category: Tier 2

Credit: 1

This course is designed to introduce learners to the various careers available within the Education and Training Career Cluster. Students use self-knowledge as well as educational and career information to analyze various careers within the Education and Training Career Cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area.

Energy



Oil and Gas Production I

PEIMS: 13001250

Course Abbreviation: OILGP1

Weight Category: Tier 2

Credits: 1

In this course, students will identify specific career opportunities and skills, abilities, tools, certification, and safety measures associated with each career. Students will also understand components, systems, equipment, and production and safety regulations associated with oil and gas wells.

Oil and Gas Production II

PEIMS: 13001260

Course Abbreviation: OILGP2

Prerequisite: Oil and Gas Production I

Recommended for grades: 10-12

Weight Category: Tier 2

Credit: 1

In this course, students will gain knowledge of the specific requirements for entry into post-secondary education and employment in the petroleum industry; research and discuss petroleum economics; research and discuss the modes of transportation in the petroleum industry; research and discuss environmental, health, and safety concerns; research and discuss different energy sources; and prepare for industry certification.

Oil and Gas Production III

PEIMS: 13040500

Course Abbreviation: OGPROD3

Prerequisite: Oil and Gas Production II

Recommended for grades: 11-12

Weight Category: Tier 2

Credit: 1

In this course, students will gain knowledge of hydraulic and pneumatic systems and skill requirements to work as a Petroleum Engineering Technology Technician in the oil and gas and related industries. Students complete an advance core curriculum, which include hydraulic and pneumatic systems involved in oil and gas production. This program is designed to train students in all areas of down and mid-stream operation skills.

Oil and Gas Production IV

PEIMS: 13040501

Course Abbreviation: OGPROD4

Prerequisite: Oil and Gas Production III

Weight Category: Tier 2

Credits: 1

In this course, a study of the petroleum industry will be conducted from the data management perspective. Current knowledge and technical aspects of the oil and gas industry will be reviewed with regard to the various operational functionalities of well completions under various wellbore conditions. This course prepares students to assess the effects of drilling through the production formation and, choose tools and procedures for completing a drilled wellbore. This course may be taught with related courses in petroleum engineering technology.

Health Science



Anatomy and Physiology

PEIMS: 13020600

Course Abbreviation: ANATPHYS

Prerequisites: Biology and a second science credit

Recommended for grades: 10-12

Weight Category: Tier 1

Credit: 1

The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

Medical Microbiology

PEIMS: 13020700

Course Abbreviation: MICRO

Recommended for grades: 10-12

Weight Category: Tier 2

Credit: 1

The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and emerging diseases. Students must meet the 40% laboratory and fieldwork requirement.

Medical Terminology

PEIMS: 13020300

Course Abbreviation: MEDTERM

Recommended for grades: 9-12

Weight Category: Tier 2

Credit: 1

This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

Pathophysiology

PEIMS: 13020800

Course Abbreviation: PATHO

Prerequisites: Biology and Chemistry

Recommended for grades: 11-12

Weight Category: Tier 2

Credit: 1

The Pathophysiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Pathophysiology will study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology. Students should know that some questions are outside the realm of science because they deal with phenomena that are not scientifically testable.

Note: This course satisfies a science credit requirement for students on the Foundation High School Program.

Pharmacology

PEIMS: 13020950

Course Abbreviation: PHARMC

Prerequisites: Biology and Chemistry

Recommended for grades: 11-12

Weight Category: Tier 2

Credit: 1

The Pharmacology course is designed to study how natural and synthetic chemical agents such as drugs affect biological systems. Knowledge of the properties of therapeutic agents is vital in providing quality health care. It is an ever-changing, growing body of information that continually demands greater amounts of time and education from health care workers.

Principles of Health Science

PEIMS: 13020200

Course Abbreviation: PRINHLSC

Recommended for grades: 9-10

Weighted Category: Tier 2

Weight Category: Tier 1 (Magnet Program)

Credit: 1

The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry.

Hospitality and Tourism



Introduction to Culinary Arts

PEIMS: 13022550

Course Abbreviation: INCULART

Recommended for grades: 9-10

Weight Category: Tier 2

Credit: 1

This course will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Introduction to Culinary Arts will provide insight into food production skills, various levels of industry management, and hospitality skills. This is an entry level course for students interested in pursuing a career in the food service industry. This course is offered as a classroom and laboratory-based course.

Culinary Arts

PEIMS: 13022600

Course Abbreviation: CULARTS

Prerequisites: Intro to Culinary Arts

Recommended for grades: 10-12

Weight Category: Tier 2

Credit: 2

This course begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students can pursue a national sanitation certification or other appropriate industry certifications. This course is offered as a laboratory-based course.

Information Technology



Computer Maintenance /CM Lab

PEIMS: 13027310

Course Abbreviation: COMMTLAB

Recommended for grades: 10-12

Weight Category: Tier 1 (Magnet Program)

Credit: 2

In this course, students will acquire knowledge of computer maintenance and creating appropriate documentation. Students will analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related to computer maintenance. Students will apply technical skills to address the IT industry and emerging technologies.

Computer Technician Practicum

PEIMS: 13027500

Course Abbreviation: COMPT1

Recommended for grades: 10 - 12

Weight Category: Tier 2

Credit: 2

In this course, students will gain knowledge and skills in the area of computer technologies, including advanced knowledge of electrical and electronic theory, computer principles, and components related to the installation, diagnosis, service, and repair of computer-based technology systems. Students will reinforce, apply, and transfer their knowledge and skills to a variety of settings and problems. Proper use of analytical skills and application of IT concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, IT experience, and product development may be conducted in a classroom setting with an instructor, with an industry mentor, or both.

Practicum in Information Technology

PEIMS: 13028000

Course Abbreviation: PRACIT1

Prerequisite: a minimum of two high school information technology (IT) courses.

Recommended for grade: 12

Weight Category: Tier: 2

Weight Category: Tier 1 (Magnet Program)

Credits: 2

In this course, students will gain advanced knowledge and skills in the application, design, production, implementation, maintenance, evaluation, and assessment of products, services, and systems. Knowledge and skills in the proper use of analytical skills and application of IT concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, IT experience, and product development may be conducted in a classroom setting with an industry mentor, as an unpaid or paid internship, as part of a capstone project, or as career preparation.

Principles of Information Technology

PEIMS: 13027200

Course Abbreviation: PRINIT

Recommended for grades: 9-10

Weight Category: Tier 2

Credit: 1

In this course, students will develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students will enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment.

Law and Public Service



Correctional Services

PEIMS: 13029700

Course Abbreviation: CORRSRVS

Prerequisites: Principles of Law, Public Safety, Corrections & Security

Recommended for grades: 10-12

Weight Category: Tier 2

Credit: 1

In Correctional Services, students prepare for certification required for employment as a municipal, county, state, or federal correctional officer. Students will learn the role and responsibilities of a county or municipal correctional officer; discuss relevant rules, regulations, and laws of municipal, county, state, or federal facilities; and discuss defensive tactics, restraint techniques, and first aid procedures as used in the municipal, county, state, or federal correctional setting. Students will analyze rehabilitation and alternatives to institutionalization for inmates.

Disaster Response

PEIMS: N1303011

Course Abbreviation: DISRESP

Recommended for grade: 9-12

Weight Category: 2

Credits: 1

This course includes basic training of students in disaster survival and rescue skills that would improve the ability of citizens to survive until responders or other assistance could arrive. Students will receive education, training, and volunteer service to make communities safer, stronger, and better prepared to respond to the threats of terrorism, crime, public health issues, and disasters of all kinds.

Emergency Medical Technician Basic

PEIMS: N1303015

Course Abbreviation: EMTB

Recommended for grade: 11-12

Weight Category: 2

Credits: 2

This course includes basic training of students in disaster survival and rescue skills that would improve the ability of citizens to survive until responders or other assistance could arrive. Students will receive education, training, and volunteer service to make communities safer, stronger, and better prepared to respond to the threats of terrorism, crime, public health issues, and disasters of all kinds.

Forensic Science**PEIMS: 13029500***Course Abbreviation: FORENSCI**Prerequisites: Biology and Chemistry**Recommended for grades: 11-12**Weight Category: Tier 2**Credit: 1*

This is a course that introduces students to the application of science to connect a violation of law to a specific criminal, criminal act, or behavior and victim. Students will learn terminology and procedures related to the search and examination of physical evidence in criminal cases as they are performed in a typical crime laboratory. Using scientific methods, students will collect and analyze evidence such as fingerprints, bodily fluids, hairs, fibers, paint, glass, and cartridge cases. Students will also learn the history and the legal aspects as they relate to each discipline of forensic science.

Law Enforcement I**PEIMS: 13029300***Course Abbreviation: LAWENF1**Recommended for grades: 10-12**Weight Category: Tier 2**Credit: 1*

Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. Students will understand the role of constitutional law at local, state, and federal levels; the U.S. legal system; criminal law; and law enforcement terminology and the classification and elements of crime.

Law Enforcement II**PEIMS: 13029400***Course Abbreviation: LAWENF2**Recommended for grades: 10-12**Weight Category: Tier 2**Credit: 1*

This course provides the knowledge and skills necessary to prepare for a career in law enforcement. Students will understand ethical and legal responsibilities, patrol procedures, first responder roles, telecommunications, emergency equipment operations, and courtroom testimony.

Principles of Law, Public Safety, Corrections, and Security**PEIMS: 13029200***Course Abbreviation: PRINLPCS**Recommended for grades: 9-12**Weight Category: Tier 2**Credit: 1*

This course instructs students to meet and exceed standard knowledge needed to be a valid Emergency Medical Technician. The curriculum includes skills necessary for a student to provide entry level emergency medical care, life support, and ambulance service. The EMT-Basic course is an introductory course to concepts, knowledge, and skills needed by EMTs in the areas of communications, transportation, and recordkeeping. Students interested in working in public safety, including fire, police, and ambulance operators will be capable of performing the job expectations of an EMT safely and effectively after the completion of this course.

Manufacturing



Principles of Applied Engineering

PEIMS: 13036200

Course Abbreviation: PRAPPENG

Recommended for grades: 9-10

Weighted Category: Tier 2

Weight Category: Tier 1 (Magnet Program)

Credit: 1

This course provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will have an understanding of the various fields of engineering and will be able to make informed career decisions. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.

Robotics I

PEIMS: 13037000

Course Abbreviation: ROBOTIC1

Recommended for grades: 9-10

Weight Category: Tier 2

Weight Category: Tier 1 (Magnet Program)

Credit: 1

In this course, students will transfer academic skills to component designs in a project-based environment through implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry.

Science, Technology, Engineering, and Mathematics



Advanced Placement Computer Science A

PEIMS: A3580110

Prerequisite: Algebra I, Algebra II, BIM I and Computer Science I or AP Computer Science Principles

Course Abbreviation: APTACSAM

Weight Category: Tier 1

Credit: 2

Content requirements for Advanced Placement (AP) Computer Science A are prescribed in the College Board Publication Advanced Placement Course Description: Computer Science A, published by The College Board.

Advanced Placement Computer Science Principles

PEIMS: A3580300

Course Abbreviation: APCSPRIN

Prerequisite: Algebra I and BIM I

Recommended for grades: 10-11

Weight Category: Tier 1

Credit: 1

Content requirements for Advanced Placement (AP) Computer Science A are prescribed in the College Board Publication Advanced Placement Course Description: Computer Science A, published by The College Board.

Advanced Computer Science I

PEIMS: 03580200

Prerequisite: Algebra I and BIM I

Course Abbreviation: TACS1

Weight Category: Tier 1

Credit: 1

This course (Previously Pre-AP Computer Science) serves as a gentle introduction to the exciting subject of Computer Science. The focus is on programming concepts and problem solving methods rather than mastering a specific programming language. General topics include computer hardware and software architecture, computer ethics and security, program analysis and basic programming fundamentals such as expressions, statements, control structures, variables, arrays, functions, parameters and exception handling and debugging. More abstract topics such as algorithms, file input and output, data structures and stepwise refinement are also explored. Students are tasked with making both a usable website that includes HTML, CSS and JavaScript elements as well as designing a constructing and interactive text-based adventure game written in the Python programming language.

Engineering Design & Presentation I

PEIMS: 13036500

Course Abbreviation: ENGDSPR1

Prerequisites: Algebra I

Recommended for grades: 10-12

Weight Category: Tier 2

Weight Category: Tier 1 (Magnet Program)

Credit: 1

This course is a continuation of knowledge and skills learned in Principles of Applied Engineering. Students enrolled in this course will demonstrate knowledge and skills of the design process as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and software applications to complete assignments and projects. Through implementation of the design process, students will transfer advanced academic skills to component designs. Additionally, students explore career opportunities in engineering, technology, and drafting and what is required to gain and maintain employment in these areas.

Engineering Design and Problem Solving

PEIMS: 13037300

Course Abbreviation: ENGDPRS

Prerequisites: Geometry and Algebra I

Recommended for grades: 11-12

Weight Category: Tier 1 (Magnet Program)

Credit: 1

This course is the creative process of solving problems by identifying needs and then devising solutions. The solution may be a product, technique, structure, or process depending on the problem. Science aims to understand the natural world, while engineering seeks to shape this world to meet human needs and wants. Engineering design takes into consideration limiting factors or "design under constraint." Various engineering disciplines address a broad spectrum of design problems using specific concepts from the sciences and mathematics to derive a solution. The design process and problem solving are inherent to all engineering disciplines.

Fundamentals of Computer Science

PEIMS: 03580140

Course Abbreviation: TAFCS

Prerequisites: Algebra I

Recommended for grades: 9-12

Weight Category: Tier 2

Credit: 1

Fundamentals of Computer Science is intended as a first course for those students just beginning the study of computer science. Students will learn about the computing tools that are used every day. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will learn the problem-solving and reasoning skills that are the foundation of computer science. 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 the principles of computer science through the study of technology operations and concepts. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

Internetworking Technologies I (CISCO)

PEIMS: N1302803

Course Abbreviation: INTNET1

Prerequisite: Algebra I

Recommended for grades: 10 - 12

Weight Category: Tier 1

Credits: 1

This course is normally comprised of the courses called Cisco CCNA R&S: Introduction to Networks (CCNA 1) and Cisco CCNA R&S: Routing and Switching Essentials (CCNA 2). The Introduction to Networks course introduces the concept of networking, using various analogies to help the student understand the movement of packets throughout the Internet, and the protocol standards used. The Routing and Switching course moves the student into the theory of "moving packets." The concepts of routing and switching "packets" to the correct destination is covered, and how a network administrator can direct and/or streamline this process through device configuration and deployment.

Networking

PEIMS: 13027400

Course Abbreviation: NETWRK

Recommended for grades: 10 - 12

Weight Category: Tier 1

Credits: 1

In this course, students will develop knowledge of the concepts and skills related to data networking technologies and practices in order to apply them to personal or career development. To prepare for success, students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

Scientific Research and Design

PEIMS: 13037200

Course Abbreviation: SCIRD

Prerequisites: Biology, Chemistry, Integrated Physics, Chemistry (IPC), or Physics I

Recommended for grades: 11-12

Weight Category: Tier 1

Credit: 1

Scientific Research and Design is a broad-based course designed to allow districts and schools considerable flexibility to develop local curriculum to supplement any program of study or coherent sequence. The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. These components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education. Students must meet the 40% laboratory and fieldwork requirement. Students may take this course with different course content for a maximum of three credits.

Note: This course satisfies a science credit requirement for students on the Foundation High School Program.

Transportation, Distribution, and Logistics



Automotive Basics

PEIMS: 13039550

Course Abbreviation: AUTOBASC

Recommended for grades: 9-12

Weight Category: Tier 2

Credit: 1

This course includes knowledge of the basic automotive systems and the theory and principles of the components that make up each system and how to service these systems. Automotive Basics includes applicable safety and environmental rules and regulations. In Automotive Basics, students will gain knowledge and skills in the repair, maintenance, and servicing of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability.

Automotive Technology I: Maintenance and Light Repair (MLR)

PEIMS: 13039600

Course Abbreviation: AUTOTECH1

Prerequisite: Automotive Basics

Recommended for grades: 9-12

Weight Category: Tier 2

Credits: 2

This course includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. This course includes applicable safety and environmental rules and regulations. In Automotive Technology I: Maintenance and Light Repair, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability.

Basic Collision Repair and Refinishing

PEIMS: 13039750

Course Abbreviation: BASCOLRR

Recommended for grades: 9-12

Weight Category: Tier 2

Credit: 1

This course includes knowledge of the processes, technologies, and materials used in the reconstruction of vehicles. This course is designed to teach the concepts and theory of systems related to automotive collision repair and refinishing.

Collision Repair

PEIMS: 13039800

Course Abbreviation: COLLISR

Prerequisite: Basic Collision Repair and Refinishing

Recommended for grades: 10-12

Weight Category: Tier 2

Credits: 2

This course includes knowledge of the processes, technologies, and materials used in the reconstruction of vehicles. This course is designed to teach the concepts and theory of systems related to automotive collision repair and refinishing.

Energy and Power of Transportation Systems**PEIMS: 13039300***Course Abbreviation: EPTSYS**Recommended for grades: 10-12**Weight Category: Tier 2**Credit: 1*

This course will prepare students to meet the expectations of employers in this industry and to interact and relate to others. Students will learn the technologies used to provide products and services in a timely manner. The businesses and industries of the Transportation, Distribution, and Logistics Career Cluster are rapidly expanding to provide new career and career advancement opportunities. Performance requirements will include academic and technical skills. Students will need to understand the interaction between various vehicle systems, including engines, transmissions, brakes, fuel, cooling, and electrical. Students will also need to understand the logistics used to move goods and services to consumers, as well as the components of transportation infrastructure.

Occupational Safety and Environmental Technology I**PEIMS: N1303680***Course Abbreviation: OSET1**Recommended for grades: 9-12**Weight Category: Tier 2**Credit: 1*

In this course, students will investigate the field of Occupational Safety and Health Administration and Environmental Technology, which is charged with the tasks of ensuring that business and industry provide a safe workplace, free from hazards and bringing about a reduction in the occurrence of job related injuries and fatalities. Students will use safety resources and discover procedures for collaborating with business and industry regarding ways to increase employee safety and health, reduce workers' compensation insurance costs and medical expenses, decrease payout for return-to-work programs, reduce faulty products, and lower costs for job accommodations for injured workers.

Practicum in Distribution and Logistics**PEIMS: 13040470***Course Abbreviation: PRACDLG1**Recommended for grades: 11-12**Weight Category: Tier 1 (Magnet Program)**Credits: 2*

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. The Practicum can be either school lab based or work based.

Diesel Equipment Technology I**PEIMS: 13040150***Course Abbreviation: DIEQTEC1**Recommended for grades: 9-12**Weight Category: Tier 2**Credits: 2*

This course includes knowledge of the function and maintenance of diesel systems. Rapid advances in diesel technology have created new career opportunities and demands in the transportation industry. This course provides the knowledge, skills, and technologies required for employment in transportation systems.

Diesel Equipment Technology II**PEIMS: 130340160***Course Abbreviation: DIEQTEC2**Prerequisite: Diesel Equipment Technology I**Recommended for grades: 10-12**Weight Category: Tier 2**Credits: 2*

This course includes knowledge of the function, diagnosis, and service of diesel equipment systems. Rapid advances in diesel technology have created new career opportunities and demands in the transportation industry. This course provides the advanced knowledge, skills, and technologies required for employment in transportation systems.

Energy and Power of Transportation Systems**PEIMS: 13039300***Course Abbreviation: EPTSYS**Recommended for grades: 10-12**Weight Category: Tier 2**Credit: 1*

This course will prepare students to meet the expectations of employers in this industry and to interact and relate to others. Students will learn the technologies used to provide products and services in a timely manner. The businesses and industries of the Transportation, Distribution, and Logistics Career Cluster are rapidly expanding to provide new career and career advancement opportunities. Performance requirements will include academic and technical skills. Students will need to understand the interaction between various vehicle systems, including engines, transmissions, brakes, fuel, cooling, and electrical. Students will also need to understand the logistics used to move goods and services to consumers, as well as the components of transportation infrastructure.

The Air Force (AFJROTC) Program is offered United High School



The AFJROTC program is a four-year program for United High School students. Each class contains three components: Aerospace Science, Leadership Education, (LE) and Wellness Education. Drill and Ceremonies is taught as a part of the LE component at each class or as an after school extracurricular activity.

Air Force JROTC 1

PEIMS: PES00004

Course Abbreviation: SUBJ1

AEROSPACE SCIENCE (AS) I:

It is an aviation history course focusing on the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time to modern day. Throughout the course, there are reading, videos, hands-on activities, and in-text and student workbook exercises to guide in the reinforcement of the material.

Weight Category: Tier 2

Credit: 1 (suffices 1 P.E. credit)

LEADERSHIP EDUCATION (LE) I:

The LE-I textbook introduces cadets to the Air Force Junior Reserve Officer Training Corps (AFJROTC) program providing a basis for progression through the rest of the program while instilling elements of good citizenship. It contains sections on cadet and Air Force organizational structure; uniform wear; customs, courtesies, and other military traditions; health and wellness; fitness; individual self control; and citizenship.

EXTREME EXCELLENCE CHALLENGE (E2C) - - - WELLNESS PROGRAM:

The E2C provides the student with an approved physical exercise program and selected health/wellness curricula for AFJROTC LE component material.

Course Composition is 40% AS, 40% LE, and 20% E2C

Air Force JROTC 2

PEIMS: 03160200

Course Abbreviation: ROTC 2

Global and Cultural Studies is a multidisciplinary course that introduces students to various regions of the world from geographic, historical and cultural perspective. The course provides increased international awareness and insight into foreign affairs that permits a more educated understanding of other cultures and enhanced knowledge of America's interests and role in the world. Geopolitical issues such as terrorism, economics, politics, military issues, religion, environmental concerns, human rights, disease, over population, literacy etc. will be discussed. The regional areas included in this course are Europe, the regional areas included in this course are Europe, the Middle East, South Asia, East Asia, and Latin America regions.

Weight Category: Tier 2

Credit: 1

LEADERSHIP EDUCATION II:

Learning, Communication, and Personal Development, covers learning and communication, as well as how to communicate effectively. Building Personal Awareness deals with understanding our attitude and actions. Understanding groups and teams focuses on developing vision and teams, and solving conflicts and problems. Preparing for Leadership takes everything you have learned and links it to a leadership model and the theory of adaptive leadership.

EXTREME EXCELLENCE CHALLENGE (E2C) - - - WELLNESS PROGRAM

Course Composition is 40% AS, 40% LE, and 20% E2C

Air Force JROTC 3

PEIMS: 03160300

Course Abbreviation: ROTC 3

The exploration of Space covered the Space Age from a few decades ago up to the present. Humans have come to rely more and more on spacecraft's. These orbiting crafts help provide daily weather forecasts, instant communication, and the ability to record high-resolution images of vital regions. The study of space offers us a chance to understand and appreciate the complex elements of the technology. An Introduction to Astronomy is also offered and it deals with our picture of the Universe and how it has been assembled bit by bit from many separate discoveries. Discoveries made by scientists from many parts of the world, at many times in the past, and in many disciplines. These histories have been divided into four main periods: Prehistoric, Classical, Renaissance and Modern.

Weight Category: Tier 2

Credit: 1

LEADERSHIP EDUCATION II:

Life skills and Career Opportunities focuses on the AFJROTC mission to “develop citizen of character dedicated to serving their nation and community” through providing life skills students will need upon graduation. This is covered in four ways: Mapping Your Future; Charting Your Financial Course; Aiming Toward a College Degree and pursuing a career.

Course Composition is 40% AS, 40% LE, and 20% E2C

Air Force JROTC 4

PEIMS: 03160400

Course Abbreviation: ROTC 4

Management of the Cadet Corps taught to cadets who have assumed leadership roles in the cadet corps, and learning roles in the cadet corps activities. Survival-The Survival text is a synthesis of the basic survival information found in the Air Force Regulation 64-4 Survival Training. It provides training in skills, knowledge, and attitudes necessary to successfully perform fundamental tasks needed for survival.

Weight Category: Tier 2

Credit: 1

LEADERSHIP EDUCATION IV:

Principles of Management provides exposure to the Fundamentals of management. This fourth-year course is taught to cadets who have normally been in the program for at least three years, have assumed leadership roles in the cadet corps, and are usually managing all aspects of the cadet corps activities. Throughout the course are many ethical dilemmas, case studies, and role-play activities built into the lessons.

EXTREME EXCELLENCE CHALLENGE (E2C) - - - WELLNESS PROGRAM

Course Composition is 40% AS, 40% LE, and 20% E2C

The Naval (NJROTC) Program is offered at Lyndon B. Johnson High School



Naval JROTC 1

PEIMS: PES00004

Course Abbreviation: SUBJ1

Weight Category: Tier 2

Credit: 1 (Will suffice for 1 P.E. credit)

Course Content: Includes introduction to the NJROTC program; introduction to Leadership, Citizenship and the American Government; Introduction to Wellness, Fitness, and First Aid to include diet, exercise and drug awareness, Introduction to Geography, Orienteering, Survival and Map Reading Skills; Financial Skills and Introduction to the U. S. Navy.

Naval JROTC 2

PEIMS: 03160200

Course Abbreviation: ROTC 2

Weight Category: Tier 2

Credit: 1

Course Content: Includes ongoing instruction into 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 1990s and Beyond; Introduction to Nautical Sciences to include Maritime Geography, Oceanography, Meteorology, Astronomy, and Physical Sciences.

Naval JROTC 3

PEIMS: 03160300

Course Abbreviation: ROTC 3

Weight Category: Tier 2

Credit: 1

Course Content: Includes instruction in Sea Power and National Security, Naval Operations and Support Functions, Military law, and International Law and the Sea. Provides Introduction to Ship Construction and Damage Control, Shipboard Organization and Watch Standing, Basic Seamanship, Marine Navigation, and Naval Weapons and Aircraft. Ongoing instruction in leadership, citizenship and discipline.

Naval JROTC 4

PEIMS: 03130400

Course Abbreviation: ROTC 4

Weight Category: Tier 2

Credit: 1

Course Content: Includes instruction in theoretical and applies aspects of leadership, training, and evaluation of performance. 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 a leadership example. Students are provided access to ACT/SAT prep courses, guidance in selecting a college and pursuing available scholarships, and mentoring in establishing long range life goals.

The Marine (MCJROTC) is Offered at United South High School



Leadership, Citizenship, Personal Growth and Responsibility, Public Service, and General Military Subjects. Each year the curriculum builds on the previous year.

Marine JROTC 1

PEIMS: PES00004

Course Abbreviation: SUBJ1

Weight Category: Tier 2

Credit: 1 (Will suffice for 1 P.E credit)

Leadership: Introduction, leadership traits, ethics, morals, and values. Citizenship: Introduction, patriotism, rights, responsibilities and privileges of citizenship. Personal Growth and Responsibilities: physical fitness, health, hygiene, nutrition, social skills, written and oral communications. Public Service: Introduction to career preparation. General Military Subjects: JROTC administration, drill, uniforms and equipment, customs and courtesies, Marine rank structure, Marine chain of command, military history, first aid, and firearms safety.

Marine JROTC 2

PEIMS: 03160200

Course Abbreviation: ROTC2

Weight Category: Tier 2

Credit: 1

Leadership: leadership objectives, leadership principles, responsibility and accountability, esprit de corps, team training. Citizenship: freedom documents, civic responsibilities, government. Personal growth and responsibilities: physical fitness, health, hygiene, nutrition, social skills, written and oral communications. Public Service: job applications, interviews. General Military Subjects: drill, uniforms and equipment, customs and courtesies, Navy rank structure, Marine posts and stations, military history, interior guard, basic rifle marksmanship, land navigation (map reading), military law and justice.

Marine JROTC 3

PEIMS: 03160300

Course Abbreviation: ROTC3

Weight Category: Tier 2

Credit: 1

Leadership: inspections, evaluating performance, leadership styles. Citizenship: plan and conduct special events, national defense. Personal Growth and Responsibilities: physical fitness, service etiquette, speech presentation, personal finance. Public Service: college prep, workplace behavior, opportunities in public service, ASVAB test. General Military Subjects: drill, Army and Air Force rank structure, Marine Corps organization, military history, rifle marksmanship, land navigation (lensatic compass).

Marine JROTC 4

PEIMS: 03160400

Course Abbreviation: ROTC4

Weight Category: Tier 2

Credit: 1

Leadership: resolving conflict, equal opportunity, sexual harassment, fraternization. Citizenship: portraits of patriots, great Americans, civic responsibilities. Personal Growth and Responsibilities: physical fitness, teaching a lesson, writing a research paper. Public Service: resume writing. General Military Subjects: drill, personnel inspections, mess night, Marine Air-Ground Task Force, military history, competitive marksmanship, orienteering, mock trial.

The Army (AJROTC) Program is Offered at Alexander High School



Army JROTC 1

PEIMS: PES00004

Course Abbreviation: SUBJ1

PE credit-is offered for participation in this program

Weight Category: Tier 2

Credit: 1 (Will suffice for 1 P.E. credit)

This course introduces students to the rights, responsibilities, privileges, and freedoms that underlie good citizenship. It is designed to create and appreciation for the heritage and traditions of America and the contributions of the Armed Forces. It helps students develop leadership skills, communications techniques, and the ability to work cooperatively with others. Goal setting and decision-making are taught in a practical manner. Emphasis is placed on scholarship and physical fitness. Cadets develop a strong sense of pride in self, associates, school, and community. Drill and color guard competitions are encouraged and developed,

Army JROTC 2

PEIMS: 03160200

Course Abbreviation: ROTC2

Prerequisite: Army JROTC 1

Weight Category: Tier 2

Credit: 1

This is a social science course that builds upon the foundation established by the Army JROTC 1 course. It stresses the demonstration of ethical values and principles of good citizenship, the display of sound leadership traits and principles in directing group activities, working toward common task accomplishments, and the ability to think logically and communicate effectively. Cadets are introduced to administrative and supervisory styles which develop their leadership confidence. Cadets also learn drill, physical conditioning, and land navigation. They are introduced to international competitive marksmanship and safety.

Army JROTC 3

PEIMS: 03160300

Course Abbreviation: ROTC3

Prerequisite: Army JROTC 2

Weight Category: Tier 2

Credit: 1

This course continues the tradition of leadership development begun in the first two years. This course teaches the cadet the basics of managing and directing an organization. Emphasis is placed on communications, problem-solving, decision-making, planning, and supervisory techniques. Students will study the origins and development of military institutions, traditions, and practices in the United States from 1775 to present. Cadets will view the role of the military on land, sea, and air against enemies, both foreign and domestic, and will relate them to American political, social, technological, and economic development. Students in the third year course will lead the cadet organization in completing student-developed projects.

Army JROTC 4

PEIMS: 03130400

Course Abbreviation: ROTC4

Prerequisite: Army JROTC 3

Weight Category: Tier 3

Credit: 1

This advanced course requires the students to perform as senior members of the cadet organization in assigned command and staff positions. Cadets plan and complete cadet organization, school, and community projects. Emphasis is placed on research of school and community needs, formulation of project options, and planning and executing these plans to completion of project goals. Cadets learn the importance and demonstrate the ability to establish life and career goals beyond high school. They learn the steps that should be taken to apply and/or enroll in college and the ways to obtain information about various schools and/or programs of study. Cadets learn various job search techniques including application processing and resume and cover letter writing. Cadets demonstrate the ability to present and critique classroom material and to prepare lesson plans as an assistant instructor. Cadets plan, prepare, conduct and evaluate drill training, ceremonies, or reviews as a cadet leader or staff member.



The United Independent School District offers Career and Technical Educational programs in the sixteen career clusters. Admission to these programs is based on interest and aptitude, age appropriateness, and program availability at the campuses.

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