High School Course and Planning Guide
2015-2016 School Year
SAN ANTONIO INDEPENDENT SCHOOL DISTRICT
Dear Parents and Students:

As you review *The High School Course and Planning Guide*, begin planning your future for the next four years and beyond. San Antonio ISD is committed to improving the lives of all students through a quality education in preparation for success in higher education, careers, and life.

Each decision you make impacts the options you will have later in life. Challenge yourself while in high school. Select courses that challenge your thinking and creativity. Explore career interests, investigate college and career opportunities. Your success in high school requires a plan for your future!

Understanding the planning process, courses offered, and graduation requirements are critical first steps toward success.

**Creating a 4-Year Plan**…to ensure you understand and meet the graduation requirements for the Recommended, Distinguished Achievement programs. Reaching your potential is possible through ongoing college and career research and planning.

**Gaining a Jump Start**…on your transition to college, workforce, and/or military is possible by taking college level courses while in high school. Opportunities include:

- **AP, IB, and Pre-AP/IB Programs**- College preparatory courses are offered in English, math, science, social studies, and fine arts.
- **Dual Credit Programs**- College level courses are taught at the high school, online, or on a college campus where students attend classes while still in high school.
- **Career Pathway Programs**- Select a sequence of elective courses based on your interests, aptitudes, and career/college goals.
- **Endorsements** – Five endorsement options that allow students to focus on a related series of courses.

The courses students select allow us to plan our school year. Therefore, we ask that you think about your plan, your interests, and your goals beyond high school as you develop your 4-year plan. We will do our best to honor your course selections and ask that you plan for alternate electives since some conflicts may be unavoidable.

We remain committed to excellence. We look forward to working with each of you and providing an exciting year of opportunities for your success.

Sincerely,

*Dr. Sylvester Perez*

*Superintendent*
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The San Antonio Independent School District does not discriminate on the basis of race, color, gender, religion, national origin, age disability, or any other basis in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Right Act of 1964, as amended; Title IX of the Educational Amendments of 1972; section 504 of the Rehabilitation Act of 1973, as amended.
Mission
To transform SAISD into a national model urban school district where every child graduates and is educated so that he or she is prepared to be a contributing member of the community.

Our Fundamental Beliefs and Commitments

Every student can learn and achieve at high levels.
-We will make all decisions based on attaining student achievement at or above grade level.

We are responsible for all the education and safety of every student.
-We will ensure that all decisions, actions and resource allocations are made in the best interest of the students.
-We will ensure a safe learning and working environment for all students and employees.

We are responsible for the efficient and effective operation of the school system.
-We will ensure fiscal responsibility to the taxpayers of the District.

Everyone should be treated with respect.
-We will ensure a high level of professionalism, customer service and respect for everyone.
-We will lead by example.

People support what they help create.
-We will maintain the collaborative process for decision-making.

Vision
Our primary purpose of improving lives through a quality education is driven by an unrelenting determination to graduate all of our students and prepare them for success in higher education. Our ideology is reflected in our fundamental beliefs, commitments and core values that guide us in our daily practices.

Our Core Values
In order to achieve our goals and attain our commitments we expect the following values to guide the behavior of all employees:

- Student Centered
- Commitment
- Integrity
- Teamwork
- High Expectations
- Passion
- Respect
General Information

Welcome Students and Parents/Guardians –

The San Antonio Independent School District has created the High School Course Catalog as a planning tool for the 2015-16 school year. Students entering high school in 2013-14 and before will follow the Recommended High School Program or Distinguished Achievement program. In addition to earning 26 credits, students must also pass five State of Texas Assessment of Academic Readiness — EOC Exams in the following subject areas: English I, English II, Algebra I, Biology I, and US History. Students have multiple opportunities to earn passing scores.

Students Entering High School 2013 - 2014 and Before

<table>
<thead>
<tr>
<th>Recommended High School Program</th>
<th>Distinguished Achievement Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Language Arts……………………………………………….4 credits</td>
<td>English Language Arts……………………………………………….4 credits</td>
</tr>
<tr>
<td><em>English I,II,III, and IV</em></td>
<td><em>English I,II,III, and IV</em></td>
</tr>
<tr>
<td>Mathematics…………………………………………………………….4 credits</td>
<td>Mathematics…………………………………………………………….4 credits</td>
</tr>
<tr>
<td><em>Algebra I, Geometry, Algebra II, and an advanced Math course</em></td>
<td><em>Algebra I, Geometry, Algebra II, and an advanced Math course</em></td>
</tr>
<tr>
<td>Science………………………………………………………………4 credits</td>
<td>Science………………………………………………………………4 credits</td>
</tr>
<tr>
<td><em>Biology, Chemistry, Physics, and one additional Science credit</em></td>
<td><em>Biology, Chemistry, Physics, and one advanced Science course</em></td>
</tr>
<tr>
<td>The additional credit may be IPC and must be successfully completed prior to Chemistry and Physics</td>
<td></td>
</tr>
<tr>
<td>Social Studies………………………………………………………3½ credits</td>
<td>Social Studies………………………………………………………3½ credits</td>
</tr>
<tr>
<td><em>W. Geography, W. History, US History,</em></td>
<td><em>W. Geography, W. History, US History,</em></td>
</tr>
<tr>
<td><em>US Government</em> - ½ credit</td>
<td><em>US Government</em> - ½ credit</td>
</tr>
<tr>
<td>Economics………………………………………………………………½ credit</td>
<td>Economics………………………………………………………………½ credit</td>
</tr>
<tr>
<td>Physical Education………………………………………………….1 credit</td>
<td>Physical Education………………………………………………….1 credit</td>
</tr>
<tr>
<td>Languages Other Than English (LOTE)……………………………………2 credits</td>
<td>Languages Other Than English (LOTE)……………………………………2 credits</td>
</tr>
<tr>
<td>Any two levels in the same language or state approved substitutions</td>
<td>Any two levels in the same language or state approved substitutions</td>
</tr>
<tr>
<td>Health Education…………………………………………………….½ credit</td>
<td>Health Education…………………………………………………….½ credit</td>
</tr>
<tr>
<td>Fine Arts………………………………………………………………1 credit</td>
<td>Fine Arts………………………………………………………………1 credit</td>
</tr>
<tr>
<td>Speech…………………………………………………………………½ credit</td>
<td>Speech…………………………………………………………………½ credit</td>
</tr>
<tr>
<td>Additional Electives…………………………………………………5 credits</td>
<td>Additional Electives…………………………………………………4 credits</td>
</tr>
<tr>
<td><em>Elective courses and innovative courses all approved by the State Board of Education for grades 9-12 (including Essential Knowledge and Skills)</em></td>
<td><em>Elective courses and innovative courses all approved by the State Board of Education for grades 9-12 (including Essential Knowledge and Skills)</em></td>
</tr>
</tbody>
</table>

**Total – 26 credits**

The Distinguished Achievement Program calls for specific course requirements in addition to students successfully completing any combination of four advanced measures. The measures focus on demonstrated student performance at the college level, test performance, or work equivalent to that done by professionals in the arts, sciences, business, industry, or in community service.

**Advanced Measures**

- original research and/or project
- Advanced Placement exam score of 3 or above
- International Baccalaureate exam score of 4 or above
- college course – 3.0 or higher
- articulated course – 3.0 or higher
- qualifying PSAT score
Students entering high school in 2014-2015 and thereafter will follow the Foundation High School Program. Students must also pass five State of Texas Assessment of Academic Readiness – EOC Exams in the following subject areas: English I, English II, Algebra I, Biology I, and US History. Students have multiple opportunities to earn passing scores. A student may earn a Performance Acknowledgment for outstanding academic performance.

### General Information

**Performance Acknowledgements**

A student may earn a Performance Acknowledgment for outstanding academic performance.

**Academic Readiness**

Students entering high school in 2014-2015 and thereafter will follow the Foundation High School Program. Students must also pass five State of Texas Assessment of Academic Readiness – EOC Exams in the following subject areas: English I, English II, Algebra I, Biology I, and US History. Students have multiple opportunities to earn passing scores. A student may earn a distinguished level of achievement to be eligible for top 10% automatic admission.

### Students Entering High School 2014 – 2015 and Beyond

<table>
<thead>
<tr>
<th>Foundatino + Endorsements</th>
<th>Distinguished Level of Achievement</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Language Arts 4 credits</td>
<td>English Language Arts 4 credits</td>
</tr>
<tr>
<td>Math an advanced English course 4 credits</td>
<td>Math an advanced English course 4 credits</td>
</tr>
<tr>
<td>Science 4 credits</td>
<td>Science 4 credits</td>
</tr>
<tr>
<td>Social Studies 3½ credits</td>
<td>Social Studies 3½ credits</td>
</tr>
<tr>
<td>Economics ½ credit</td>
<td>Economics ½ credit</td>
</tr>
<tr>
<td>Fine Arts 1 credit</td>
<td>Fine Arts 1 credit</td>
</tr>
<tr>
<td>Additional Electives 6 credits</td>
<td>Additional Electives 6 credits</td>
</tr>
<tr>
<td>Total 26 credits</td>
<td>Total 26 credits</td>
</tr>
</tbody>
</table>

The Distinguished Level of Achievement must be earned to be admitted to a Texas public university under the Top 10 percent automatic admission law. Additionally a student may earn a Performance Acknowledgment for outstanding academic performance.

**Performance Acknowledgements**

(Applicable for students graduating under the Texas Administrative Code §74.14 on the FHSP)

Students may earn performance acknowledgments on the student’s Academic Achievement Record or transcript for the following:

- **Outstanding performance in Dual Credit coursework by successfully completing:**
  - At least 12 hours of college academic courses, including those taken for dual credit as part of the Texas core curriculum, and advanced technical credit courses, including locally articulated courses, with a grade of the equivalent of 3.0 or higher on a scale of 4.0 (see page 94); or
  - An Associate degree while in high school

- **Outstanding performance in Bilingualism and Biliteracy:**
  - A student may earn a performance acknowledgment by demonstrating proficiency in two or more languages by:
    - Completing all English Language Arts requirements and maintaining a minimum grade point average (GPA) of the equivalent of 80 on a scale of 100; and
    - Satisfying one of the following:
      - Completion of a minimum of three credits in the same language in a Language Other Than English with a minimum GPA of the equivalent of 80 on a scale of 100; or
      - Demonstrated proficiency in the TEKS for level IV or higher in a Language Other Than English with a minimum GPA of the equivalent of 80 on a scale of 100; or
      - Completion of at least three credits in foundation subject area courses in a Language Other Than English with a minimum GPA of the equivalent of 80 on a scale of 100; or
      - Demonstrated proficiency in one or more Languages Other Than English through one of the following methods:
        - **Score 3 or higher on an Advanced Placement exam for a Language Other Than English; or**
        - **Score 4 or higher on an International Baccalaureate exam for a higher level Languages Other Than English course; or**
        - **Performance on a national assessment of language proficiency in a Language Other Than English of at least Intermediate High or its equivalent.
  - In addition to meeting the requirements of the above subsection, to earn a performance acknowledgment in bilingualism and biliteracy, an English language learner must also have:
    - Participated in and met the exit criteria for a bilingual or ESL program; and
    - Scored at the Advanced High level on the Texas English Language Proficiency Assessment System (TELPAS)

- **Outstanding performance on a college Advanced Placement test or International Baccalaureate examination by earning:**
  - A score of 3 or above on a College Board Advanced Placement examination; or
  - A score of 4 or above on an International Baccalaureate examination.

- **Outstanding performance on the PSAT, the ACT PLAN/Aspire, the SAT, or the ACT by:**
Earning a score on the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT) that qualifies the student for recognition as a commended scholar or higher by the College Board and National Merit Scholarship Corporation, as part of the national Hispanic Recognition Program (NHRP) of the College Board or as part of the national Achievement Scholarship Program of the National Merit Scholarship Corporation; or

Achieving the college readiness benchmark core on at least two of the four subject tests on the ACT PLAN/Aspire examination; or

Earning a combined critical reading and mathematics score of at least 1250 on the SAT; or

A composite score on the ACT exam (without writing) of 28.

Earning a nationally or internationally recognized business or industry certification or license with:

- Performance on an examination or series of examinations sufficient to obtain a nationally or internationally recognized business or industry certification; or
- Performance on an examination sufficient to obtain a government-required credential to practice a profession.

Nationally or internationally recognized business or industry certification shall be defined as an industry validated credential that complies with knowledge and skills standards promulgated by a nationally or internationally recognized business, industry, professional, or government entity representing a particular profession or occupation that is issued by or endorsed by:

- A national or international business, industry, or professional organization;
- A state agency or other government entity; or
- A state-based industry association.

Certifications or licensures for performance acknowledgements shall:

- Represent a student’s substantial course of study and/or end-of-program knowledge and skills;
- Include an industry recognized examination or series of examinations an industry validated skill test, or demonstrated proficiency through documented, supervised field experience; and
- Represent substantial knowledge and multiple skills needed for successful entry into a high-skill occupation.

State Assessment Requirements

STAAR end-of-exams are state mandated tests during the final weeks of a course. In addition to meeting graduation course requirements, students are required to pass five end-of-course exams to earn a diploma from a Texas public high school. Those five exams are given when a student takes English I, English II, Biology, Algebra I, and U.S. History courses.

The State of Texas Assessments of Academic Readiness (STAAR) replaced the Texas Assessment of Knowledge and Skills (TAKS) at the onset of the 2011-2012 school year. As a result, all students who entered high school at the ninth grade in 2011-2012 and beyond now fall under the STAAR testing system and graduation requirements. Current high school students who entered the ninth grade prior to the 2011-2012 school year will remain under the TAKS system and their corresponding graduation requirements.

Starting in summer 2013, the STAAR requirements were re-authored from the original implementation in 2011-2012 such that first time high school ninth-graders are required to take five end-of-course (EOC) assessments in the core content areas – math, science, English and social studies.

The five end-of-course (EOC) exams that will be required for graduation are as follows:

- Math: Algebra I
- Science: Biology
- English Language Arts: English I, English II (Reading & Writing)
- Social Studies: U.S. History

A student may graduate under the Foundation High School Program without earning an endorsement if, after the student's sophomore year:

1. the student and the student’s parent/guardian are advised by a school counselor of the specific benefits of graduating from high school with one or more endorsements; and
2. the student’s parent/guardian files with a school counselor written permission, on a form adopted by the agency, allowing the student to graduate under the foundation high school program without earning an endorsement.

3. An ARD committee is required for students with disabilities (SWD) who plan to graduate with a Foundations diploma and not endorsements.

<table>
<thead>
<tr>
<th>Foundation High School Program</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Language Arts ...........................................................................................................</td>
<td>4 credits</td>
</tr>
<tr>
<td>English I, II, III + an advanced English course</td>
<td></td>
</tr>
<tr>
<td>Mathematics ...........................................................................................................................</td>
<td>3 credits</td>
</tr>
<tr>
<td>Algebra I, Geometry, and advanced Math courses.</td>
<td></td>
</tr>
<tr>
<td>Science ...............................................................................................................................</td>
<td>3 credits</td>
</tr>
<tr>
<td>Biology, IPC or two advanced Science courses.</td>
<td></td>
</tr>
<tr>
<td>Social Studies ...................................................................................................................</td>
<td>2½ credits</td>
</tr>
<tr>
<td>W. Geography or W. History, US History, US Government ...................................................</td>
<td></td>
</tr>
<tr>
<td>Economics ..........................................................................................................................</td>
<td>½ credit</td>
</tr>
<tr>
<td>Physical Education ...............................................................................................................</td>
<td></td>
</tr>
<tr>
<td>Languages Other Than English (LOTE) ..................................................................................</td>
<td>2 credits</td>
</tr>
<tr>
<td>Any two levels in the same language or state approved substitutions</td>
<td></td>
</tr>
<tr>
<td>Fine Arts ...........................................................................................................................</td>
<td>1 credit</td>
</tr>
<tr>
<td>Additional Electives, other elective courses, and innovative courses all approved by the State Board of Education for grades 9-12 (including Essential Knowledge and Skills) Must complete at least one Endorsement</td>
<td>5 credits</td>
</tr>
</tbody>
</table>

Total – 22 credits
General Information

Brackenridge High School
400 Eagleland
San Antonio, Texas 78210
Phone: 228-1200 Fax: 534-9770
Chris Castro , Principal

Burbank High School
1002 Edwards
San Antonio, Texas 78204
Phone: 228-1210 Fax: 533-4394
Maria Córdova, Principal

Edison High School
701 Santa Monica
San Antonio, Texas 78212
Phone: 738-9720 Fax: 738-2408
Charles Muñoz, Principal

Fox Tech High School
637 N.Main Ave.
San Antonio, Texas 78205
Phone: 738-9730 Fax: 224-8792
Annette Castillo, Principal

Highlands High School
3118 Elgin Ave.
San Antonio, Texas 78210
Phone: 438-6800 Fax: 337-2567
Derrick Cade , Principal

San Antonio High School
4635 E. Houston St.
San Antonio, Texas 78220
Phone: 978-7900 Fax: 666-2915
Darnell White, Principal

Jefferson High School
723 Donaldson Ave.
San Antonio, Texas 78201
Phone: 438-6570 Fax: 738-2406
Orlando Vera, Principal

Lanier High School
1514 W. Durango Blvd.
San Antonio, Texas 78207
Phone: 978-7910 Fax: 224-9516
Dr. Edward Garcia, Principal

Navarro Academy
623 S. Pecos St.
San Antonio, Texas 78207
Phone: 439-6810 Fax: 228-5426
Gustavo Córdova, Principal

St. Philip’s Early College
1801 Martin L. King Dr.
San Antonio, Texas 78203
Phone: 486-2406 Fax: 228-3094
Dr. Derrick Thomas, Principal

Travis Early College
1915 N. Main Ave.
San Antonio, Texas 78212
Phone: 738-9830 Fax: 733-5486
Miguel Elizondo, Principal

Young Women’s Leadership Academy (YWLA)
2123 W. Huisache
San Antonio, TX 78201
Phone: 438-6525 Fax: 732-7999
Delia McLerran, Principal

High School Grade Level Classification

Students have the opportunity to earn seven credits per year. The number of credits listed below must be earned to be eligible for classification in these grade levels:

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th grade classification</td>
<td>0-5.5 credits</td>
</tr>
<tr>
<td>10th grade classification</td>
<td>6.0-11.5 credits</td>
</tr>
<tr>
<td>11th grade classification</td>
<td>12.0-17.5 credits</td>
</tr>
<tr>
<td>12th grade classification</td>
<td>18.0 plus credits</td>
</tr>
</tbody>
</table>

All credits must be earned before the start of the following school year for promotion and grade classification.

Promotion Standards

Grade-level advancement for students in grades 9-12 shall be earned by course credits. High school graduation credits may be earned only if the student received a grade that is equivalent of 70 on a scale of 100 based upon the essential knowledge and skills for each course. Mastery of at least 70 percent of the objectives on district-approved tests shall be required. A student may only be promoted on the basis of academic achievement or demonstrated proficiency of the subject matter of the course or grade level.

Grade Point Average

The total Grade Point Average (GPA) is calculated for each student upon the basis of weighted grade averages for semester course grades earned in high school. Grade points are awarded based on the grading system used by San Antonio Independent School District.

Honor Roll

Secondary students shall be included on honor rolls by averaging their numerical grades according to the weighted grade scale reflected in Board policy EIC (LOCAL). Also, any courses that have been identified as excluded from averaging for the high school class ranking shall also be excluded from the honor roll computations. Honor Roll includes all students who earned a combined average of 90 for all classes with an average in one or more individual classes below 90. High Honor Roll includes all students who earned a minimum average of 90 in each of their classes.

Class Ranking

Graduating seniors shall be ranked within the graduating class on the basis of their overall GPA. Class ranks are computed at the end of each semester. All high school TEA approved state credit grades including failing grades, repeated courses, summer school, night school, correspondence courses and grades earned through credit by exam shall be included in determining a student’s GPA and class ranking.

Grades from non-accredited schools, including home schooling, local credit courses, locally developed courses that are substituted for state-accredited courses by an Individual Education Plan by an ARD Committee decision and grades exempted by an ARD Committee decision shall not be used to determine a student’s GPA for class ranking.

Grade weights shall be assigned to grades earned by high school students for the purpose of class ranking in accordance with the following scale for grades 70 and above:

<table>
<thead>
<tr>
<th>Course</th>
<th>Weight Added</th>
</tr>
</thead>
<tbody>
<tr>
<td>International Baccalaureate (IB)</td>
<td>+12</td>
</tr>
<tr>
<td>Advanced Placement (AP)/Dual Credit</td>
<td>+10</td>
</tr>
<tr>
<td>Pre-International Baccalaureate (Pre-IB)</td>
<td>+7</td>
</tr>
<tr>
<td>Pre-Advanced Placement (Pre-AP)/Dual Credit</td>
<td>+5</td>
</tr>
<tr>
<td>Below 70 in any course</td>
<td>+0</td>
</tr>
</tbody>
</table>

Students Entering High School for the School Years Listed Below

<table>
<thead>
<tr>
<th>Course</th>
<th>Weight Added</th>
</tr>
</thead>
<tbody>
<tr>
<td>International Baccalaureate (IB)</td>
<td>+10</td>
</tr>
<tr>
<td>Advanced Placement (AP)/Dual Credit</td>
<td>+10</td>
</tr>
<tr>
<td>Pre-International Baccalaureate (Pre-IB)</td>
<td>+5</td>
</tr>
<tr>
<td>Pre-Advanced Placement (Pre-AP)/Dual Credit</td>
<td>+5</td>
</tr>
<tr>
<td>Below 70 in any course</td>
<td>+0</td>
</tr>
</tbody>
</table>

Valedictorian

To be considered for Valedictorian, a student shall:
- Be classified as a senior by the number of earned academic credits before the first day of the school year,
- Have been in attendance in the same high school for two regular school years immediately preceding graduation,
- Be continuously enrolled throughout the senior year at the campus granting the academic award, and have the highest GPA in the graduating class.

Salutatorian

To be considered for Salutatorian, a student shall:
- Possess the first three requirements as above and have the second highest GPA in the graduating class. In case of a tie, the following methods shall be used to determine who will be selected valedictorian or salutatorian:
- Computing the weighted grade average to a sufficient number of decimal places until the tie is broken, or
- If the tie cannot be broken numerically, using the scores of the same standardized college entrance tests if taken by all of the tying students.
Top 10 Percent of Graduating class
Students ranked in the top ten (10) percent of their graduating class are automatically admitted to a Texas public college or university or the top 8% of eligible 2016 summer/fall freshman applicants for admission to the University of Texas at Austin and the student successfully completed the requirements for recommended or distinguished achievement plan or satisfied ACT college readiness benchmarks on SAT assessment or earned on the SAT assessment a score of 1500 out of 2400 or equivalent. Students must apply for admission no later than two years after graduating from a Texas high school.

Three Year Graduates
A student who completes high school requirements in fewer than four years shall be eligible for inclusion in top 10% rank of the senior class. Three-year graduates shall not be eligible for the highest-ranking graduate scholarship, valedictorian or salutatorian. In order to graduate in three (3) years a general education student shall inform the school administration of their interest prior to the first day of school of the student’s third year. Additional information may be obtained from the campus counselors.

Programs that Support College Enrollment

San Antonio Education Partnership
This program provides scholarships to students in all eight traditional SAISD high schools who maintain a B average and have a 95% attendance rate throughout their high school career.

College for All Texans
The College for Texans campaign is a project of the Texas Higher Education Coordinating Board. The goal of the campaign is to increase the percentage of Texas high school graduates enrolling in college. The campaign provides information for parents/guardians and for middle grades and high school students on preparing, applying and paying for college. The project also provides materials to schools and other organizations to help them promote college readiness, financial aid options and postsecondary education to Texas students. www.collegefortexans.com

Project STAY
Project STAY is a private, non-profit organization that offers a complete array of college placement services through the Department of Education. Project STAY provides access to higher education opportunities through advisors assigned to specific SAISD high schools on a part-time basis. Advisors work with families and students to fully understand the student’s needs and goals and complete financial aid and college applications.

College/University Placement Requirements
Colleges and Universities have different admission requirements. Refer to the college or university website to obtain admission requirements and enrollment to college level classes.

Each high school provides information on the following programs to assist students in planning for college:
- GO Center
- Upward Bound
- Trinity Advising Corps
- University Outreach
- Alamo College Connection

Scholarships/Grants/Financial Aid
Students receive assistance from FAFSA counselors. Students may qualify for one or more of the scholarships and grants available, as well as other forms of financial aid.

For additional resources regarding financial Aid, see the Websites section on page 14.
Parent/Guardian Notification of
Benefits of the Recommended High School Program for Graduation

DATE:

Dear Parents/Guardians of

The 81st Texas Legislature, 2009, passed House Bill (HB) 3, amending the Texas Education Code (TEC), §28.025, to require school districts to provide written notice to parents/guardians explaining the benefits of the Recommended High School Program (RHSP) for graduation before a student is permitted to take courses under the Minimum High School Program (MHSP). The purpose of this correspondence is to ensure that parents/guardians are informed as to the programs and opportunities afforded to students graduating under the RHSP.

Benefits of graduating under the Recommended High School Program include

- **College readiness** Many colleges and universities minimally require the RHSP for admission. In addition, students ranked in the top 10 percent of their graduating classes from an accredited Texas public high school are eligible for automatic admission to most Texas public universities if they have completed the RHSP or the Distinguished Achievement Program (DAP).

- **Recognition** The Recommended High School Program seal will be affixed to the Academic Achievement Record (AAR), or transcript of students graduating under the RHSP.

- **Test results** Research suggests that students who take additional English, math, social studies and science courses make higher scores on the SAT® or ACT® college entrance exams. The RHSP requires four credits in each of these core subject areas.
The Distinguished Level of Achievement opens a world of educational and employment opportunities for you beyond high school. The Distinguished Level of Achievement will:

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

*Must be financially qualified

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

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

The advantages are:

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

WHY DO STUDENTS HAVE TO TAKE THE TEXAS SUCCESS INITIATIVE EXAMS?
It is state law. The Texas Success Initiative is a provision in Senate Bill 286. The TSI requires institutions of higher education to assess the academic skills of each entering undergraduate student to determine the student’s readiness to enroll in freshman-level academic coursework. The law requires students to be assessed in the areas of mathematics, reading, and writing.

WHEN MUST STUDENTS TAKE ONE OF THE TSI EXAMS IF NOT EXEMPT?
Before registering for college level courses to include certain high school Dual Credit courses. See your counselor for more information on requirements.

WHO IS EXEMPT?
Students shall be exempt from the requirements of the Success Initiative who meet or exceed the following criteria: (note: some of the exemptions are full and others are partial exemptions only)

- **ACT** – composite score of 23 with a minimum of 19 on both the English and Mathematics tests. If a student has a combined score of 23 with a minimum of 19 in only one and not both content areas, the student will be exempt in only one area and will be required to take a TSI exam in the other area. (ACT score exemptions are valid for 5 years from the date of test.) Note that the English test covers the TSI areas of reading and writing and the Mathematics test covers the TSI area of mathematics.

- **SAT** - combined Critical Reading and Mathematics score of 1070 with a minimum score of 500 on Critical Reading and/or Mathematics tests. If a student has a combined score of 1070 with a minimum of 500 in only one and not both content areas, the student will be exempt in only one area and will be required to take a TSI exam in the other area. (SAT score exemptions are valid for 5 years from the date of the test.) Note that the Critical Reading content covers the TSI areas of Reading and Writing and the Mathematics content covers the TSI area of Mathematics.

- **STAAR** (exit-level) – 2200 in mathematics and/or 2200 in English/Language Arts (ELA) with an essay score of at least 3. Students who do not meet the exemption criteria in all areas will need to take a TSI approved exam in the areas they did not meet the exemption criteria. Note that the English/Language section covers the TSI areas of Reading and Writing and the Mathematics section covers the TSI area of Mathematics. (Valid for 5 years.)

- A student who is non-degree seeking.

WHAT ARE PASSING SCORES FOR THE TSI EXAM?

<table>
<thead>
<tr>
<th>Test</th>
<th>Reading</th>
<th>Mathematics</th>
<th>Writing</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSI ACCUPLACER</td>
<td>351</td>
<td>350 (Elem. Algebra)</td>
<td>363 (Sentence Skills) &amp; 4 or 5* (Essay)</td>
</tr>
</tbody>
</table>

*Based on individual college requirements

http://accuplacer.collegeboard.org/

WHAT IF A STUDENT DOESN’T PASS THE TSI EXAMS?
If you do not pass one or more of the sections of the TSI exam, you must be enrolled in either course based or non-course based developmental activity in at least one of the subject areas you did not pass. Students placed into developmental activity may not drop that activity during the semester. A student with a TSI deficiency will be declared college ready after passing the highest level of developmental education in each area of deficiency.

HOW DO YOU REGISTER FOR A TSI EXAM?
See your school counselor for details on how to register for the TSI. You will have to complete all four pre-assessment activities modules prior to being able to access the assessment.
General Information

INSTRUCTIONAL PROGRAMS

All courses offered in SAISD are based on the District’s Curriculum Frameworks which are aligned to the Texas Essential Knowledge and Skills

- Information Technology
- Law, Public Safety, Correction & Security
- Manufacturing
- Marketing Sales & Service
- Science, Technology, Engineering & Mathematics
- Transportation, Distribution & Logistics

Admission to these programs is based solely on the individual student’s career interest. Students must enroll through their high school counselor. If the program the student chooses fits into his/her schedule, the student will be enrolled. Students are allowed to attend Career and Technical programs taught at another campus provided the courses fit within the student’s class schedule.

Pre-Advanced Placement, Advanced Placement (Pre-AP, AP)
The goal of the Pre AP/AP program is to challenge and stimulate students to the highest level of their abilities. Placement is based on past performance, prerequisite courses, and parent approval. Students receive and are required to take the AP exams created by the College Board in May.

Gifted/Talented (GT)
The GT program serves identified students who perform or show the potential for performing at remarkably high levels of accomplishment. Students may be nominated for screening by parents, teachers, counselors and other interested persons. Screening takes place over several months and is based on Board-approved procedures and criteria. Students who qualify for the district gifted/talented education program may, depending on their strengths, needs, and interests, participate in a variety of course offerings in the four core academic areas.

International Baccalaureate (IB)

Pre-International Baccalaureate (Pre-IB) Burbank High School Only
The International Baccalaureate Program is a rigorous course of study designed to meet the needs of highly motivated secondary students. IB aims to prepare students for post-secondary education and to promote international understanding. Students throughout SAISD and Bexar County are eligible to apply for the Pre-IB Prep in grades 9-10. Students must submit a completed application packet during the first semester of their eighth-grade year. Selection is based on the following criteria:
- demonstrated excellence in academic performance,
- demonstrated good attendance record,
- outstanding scores on standardized achievement tests,
- two teacher recommendations - one must be from an academic core subject area,
- essay describing awareness of the IB Program and why the candidate should be chosen,
- parental consent and support

Advancement Via Individual Determination (AVID)
AVID is a nationally recognized secondary school program that prepares students least served in the academic middle for four-year college eligibility. AVID’s mission is to ensure that all students, especially those in the middle capable of completing a college preparatory path will:
- succeed in the most rigorous curriculum,
- enter mainstream activities of the school
- increase their enrollment in four-year colleges, and
- become educated and responsible participants and leaders in a democratic society.
**Phoenix Middle College**
This program gives high school students with an interest in pursuing a technical degree the opportunity to attend St. Philip’s College-Southwest Campus full-time while completing their high school requirements and earning college credits. While in the program, students create and build real-world, hands-on projects; explore technical career opportunities; participate in on-the-job training, earn college credit at no cost and industry certificates. Industrial Technology programs include:

- AC/Heating
- Aerospace Engineering
- Auto Collision Repair
- Carpentry
- Commercial Transportation
- Computer-aided Drafting
- Construction Trades
- Culinary Arts
- Electrical
- Heavy Equipment Operator
- Home Building
- Hospitality Programs
- Hotel/Restaurant Management
- Information Technology Systems
- Machinist
- Manufacturing
- Mechanics
- Metal Trades
- Plumbing
- Robotics
- Travel/Tourism
- Welding

**Dual Credit (DC)**
Dual Credit is an articulated program for high school students to earn college credit while enrolled in high school. This program is a partnership between SAISD and a designated two-year or four-year college. Dual credit courses adhere to college-level standards. Tuition and fees are waived. Requirements include qualifying scores on the SAT, ACT and TSI.
The following college/university partners offer dual credit programs:
- San Antonio College
- Palo Alto College
- St. Philip's College
- Northwest Vista College
- University of Texas at San Antonio
- University of Texas

**Special Education**
The Special Education program provides a comprehensive program for each student between the ages of 3-21 who are identified as having a special need. Consideration of a student’s need for special education is initiated by the parents, physician, community agency, and/or school personnel.

It is a requirement that students with disabilities receive 1) access to the general education curriculum, 2) be involved in the general education curriculum, and 3) make progress in the general education curriculum. Being involved in the general education curriculum, teachers will follow students’ IEPs using supplementary aids and services, accommodations, modifications and supports through co-teachers, classroom support, and using differentiated instruction, etc.

Decisions as to which supplementary aids and services, accommodations, modifications or supports are appropriate for a particular student are to be made on an individualized basis by the IEP team. It is important that these decisions do not substantially lower curriculum standards and thus deny the student access to the general curriculum.

**Other Learning Disabilities, Including Dyslexia**
Students who have a physical or mental disability which substantially limits one or more major life activities (including learning) and which requires some modifications but is not severe enough to require Special Education services may be eligible under Section 504 of the Rehabilitation Act of 1973. Examples of potential 504 handicapping conditions include dyslexia, some communicable diseases (HIV, tuberculosis), attention deficit disorder, and other medical conditions. This is a regular education service. District efforts to comply with Title II of the Americans with Disabilities Act of 1990 (ADA) and with Section 504 of the Rehabilitation Act are coordinated through a designated Dyslexia Coordinator.
American College Testing Assessment Test (ACT)
The ACT is a college admissions exam. There are four sections: English, math, reading and science. Students receive a score for each section on a scale between 1-36 points. They also receive a composite score which is the average of the four scores. The national average is about 21. Contact your counselor for test and registration dates.

Preliminary Scholastic Achievement test (PSAT) National Merit Scholarship Qualifying Test (NMSQT)
The PSAT/NMSQT is administered by high schools to students in the 10th and 11th grades. It is designed to measure a student’s ability to do college work. The test consists of five sections: two sections testing verbal reasoning skills, two sections testing mathematical skills and one section testing writing skills. The results can be used to develop individual academic plans and prepare for the SAT (see next description). Juniors achieving high scores on this test qualify for recognition as a National Merit Scholar, a Commended Scholar, a National Hispanic Scholar or a National Achievement Scholar for outstanding African-American students. The PSAT/NMSQT is only administered in the fall. PSAT math score of 47 may substitute for the End-of-Course STAAR assessment.

Scholastic Achievement Test (SAT)
The SAT is one of two major college entrance exams. The exam consists of three major sections, reading, math and writing. In addition, the essay component asks students to write in response to an essay assignment, or prompt, which they must address in order to receive a score. The SAT is given numerous times each year. When a student takes the SAT more than once, most schools will consider the highest score. See your counselor for test and registration dates.

Texas Higher Education Assessment (THEA)
This test (on-line only) is a requirement at Texas public colleges and universities that can be taken before students are allowed to enroll. THEA exemptions are available by meeting certain scores on the SAT, ACT or STAAR test. Contact your school counselor for available updates.

Advanced Placement (AP)
The examinations are structured to measure depth of knowledge, completeness of thought and synthesis of ideas. Approximately 1200 institutions of higher learning award credit based on a student’s AP examination scores. Exams are graded on a five-point scale with college credit usually given for scores of 3 or higher. The score requirement, number of college credit hours or placement credit hours, and placement varies among universities and colleges. The exams are administered annually in May to students enrolled in AP courses.

Credit by Examination (CBE)
CBE is the process by which an eligible student may take an approved exam covering essential knowledge and skills for a grade or course in which he/she has had no prior formal instruction. Contact your counselor for test and registration dates.

Previous Attempted Course Exam (PACE)
PACE is the process by which high school students have an opportunity to take exams for courses in which they have had prior instruction, but did not earn credit. Students must pay $25 cash for each exam for which they apply. Contact your counselor for test and registration dates.

Websites

ACT College Planning Guide
www.act.org

AP Exams - The College Board
www.collegeboard.com/student

SAT Exam
www.collegeboard.com/student

Texas Higher Education Assessment
www.thea.nesinc.com

Achieve Texas
www.achievetexas.org

Texas Success Initiative (TSI) Exam
www.thecb.state.tx.us

STAAR Resources
www.tea.texas.gov/student.assessment/staar

Financial Aid for Students
www.ed.gov/studentaid

Free Application For Student Aid (FAFSA)
www.fafsa.com

United Negro College Fund
www.uncf.org

Gates Millennium Scholars Program
www.gmsp.org

College Connection Scholarship
www.collegescholarship.com

Congressional Hispanic Caucus Institute
www.chci.org

Café College
http://www.cafecollege.org/home

Hispanic Association of Colleges and Universities
www.haca.net

Hispanic Scholarship Fund
www.hsf.net

Early High School Graduate Scholarship Program or
www.projectstay.org

www.collegetortexas.com

www.abetherchance.org

www.collegenet.com

www.fulac.org

www.princetoneview.com

www.maldef.org

www.ncaaclearinghouse.net

Own your own future
www.salliemae.com
THE INTERNATIONAL BACCALAUREATE DIPLOMA PROGRAM AT
LUTHER BURBANK HIGH SCHOOL

The International Baccalaureate (IB) Diploma is an internationally recognized rigorous university preparation curriculum and assessment program. It is built around the six points of the IB Hexagon with each point defined as a group. Students are expected to complete one course from each group. Three courses must be taken at the Higher Level and three at the Standard Level; courses are completed over two years – Year 1 and Year 2. Additionally, all diploma students must complete the three core components that distinguish the IB Diploma: 1.) The Extended Essay; 2.) Theory of Knowledge course, and 3.) Creativity, Action, and Service (CAS).

Students receive a mark for each subject they take in the group. The final mark is arrived through the marks received in both the Internal and External Assessments corresponding to that subject. In order to earn an IB Diploma, students must accumulate a total of 24 points from the six subject groups with not one HL with a mark of 2 or below, or an SL course with a mark of 1 or below. Students must complete the Extended Essay and the Theory of Knowledge course work with no mark of elementary, and finally they have to complete 100% of the CAS requirements. Senate Bill 111 of the Texas State Legislature requires a state funded university to award 24-30 hours of advanced standing to a student that earns the IB Diploma, provided there is no assessment score in the hexagon below a 4.

Please note: Participation in the magnet program may actually begin with the Burbank IB Prep courses at the freshman and sophomore levels; however, students can only begin the IB Diploma courses in the 11th grade. A complete listing of Burbank IB Prep courses and IB courses offered by SAISD can be found on page 16.

Group I

English A1 HL (2 year course)
Course No: 1238 English IB or 1239 English IB/GT (Year 1)
1248 English IB or 1249 English IB/GT (Year 2)
Prerequisite: Burbank IB Prep courses English I, II
Credits: 2 (1 credit for each year)

English A1 consists of four parts representing genres and identified themes in literature. The required titles for the course are taken from the IB Prescribed List of Literature. The students study the works over two years and develop and/or present the assessments required. Students are expected to write and have oral discussions that utilize the literary elements as investigative tools for analysis in order to evaluate the significance of a piece of writing in the pantheon of literature.

External Assessment
One 1500 word World Literature paper requires the students to address literary criticism principles applying them to the world literature selections they read in class and in some manner connect them to the areas of concentration and required works.

Paper 1 and Paper 2: Two separate written examinations completed in May according to IBO directions.

Internal Assessment
One 20-30 minute Oral Commentary presentation presented in class on authors studied.

One detailed oral commentary on a specific literary selection which is recorded: Students are given 15 minutes to study a particular literary selection and then must meet and orally comment on the literary merits of the selection through a conversation with the English A1 teacher.

Group II

Spanish B HL (2 year course)
Course No: 5223 Spanish IV B (Year 1)
5224 Spanish V B (Year 2)
Prerequisite: Spanish I, II, up through III, IV (AP Spanish Language), and V (AP Spanish Literature)
Credit: 2 (1 credit for each year)

There are four main components of this course: Text handling, oral comprehension, and written and oral communication skills. The goal of the two year course is to develop fluency of the language in the reading, writing, and listening skills to live competently in a Spanish speaking environment.

External Assessment
Paper 1 and Paper 2: Two separate written examinations in which students are asked to respond to a variety of written texts and/or write responses to specific prompts. These are conducted in May according to IBO directions.

Internal Assessment
The teacher, to demonstrate that the student can communicate verbally in the Spanish Language, creates an oral examination. The teacher and students meet and hold a discourse that is recorded.

Creative writing based on one of the literary works studied of 500-600 words, plus rationale of task of 150-250 words confirming the authors upon which the written task is based.

Group III

History of the Americas (2 year course)
Course No: 4238 History of the Americas IB or 4239 History of the Americas IB/GT (Year 1)
4240 History of the Americas IB or 4241 History of the Americas IB/GT (Year 2)
Prerequisite: World Geography, and AP World History
Credit: 2 (1 credit for each year)


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International Baccalaureate Program

**External Assessment**

Paper 1, Paper 2, and Paper 3: Three separate written examinations covering the 20th Century world history and historical eras (topics covering U.S., Canada, and Latin America). These are conducted in May according to IBO directions.

**Internal Assessment**

One 1500 word historiography on a topic pre-approved by the instructor detailing a particular historical event with a conclusion describing the factors impacting research in the area of history.

**Group IV**

**Biology SL (2 year course)**

Course No: 3232 Biology I IB, 3233 Biology I IB/GT (Year 1) 7861 SCRID IB (Year 2)

Prerequisite: Chemistry, AP Physics

Credit: 2

This course is both theory and experimental science in the areas of Chemistry of Life, Cells, Genetics, Ecology and Evolution, Human Health and Physiology. Optional topics expand on diet, physiology, energy, and neurobiology. Students are expected to design and carry out scientific experiments.

**External Assessment**


**Internal Assessment**

Each student submits one complete lab report reflecting an individual experiment completed in conjunction with the syllabus determined by the IB to cover Biology SL. The lab must be student designed to include: Setup of a lab, data collection, interpretation of data, and conclusion. Each component is individually rated.

**Group V – Two course options**

**Math Studies SL**

Course No: 2492 IB Math Studies SL

Prerequisite: Algebra I, II, Geometry, Pre-Calculus

Credit: 1

This course is an integrated math course covering the principles of algebra, geometry, trigonometry, calculus, logic, probability and statistics, with an emphasis on calculus. Students are expected to manipulate the concepts and computation skills in order to solve problems mathematically.

**External Assessment**

Paper 1 and Paper 2: Two separate written examinations covering the syllabus of Math Studies involving areas in calculus, statistics, and graph theory among them. These are conducted in May according to IBO directions.

**Internal Assessment**

Students must design a research project that includes review of literature, data collection, presentation of data, mathematical analysis of data, and development of a conclusion.

**Math SL**

Course No: 2495 IB Advanced Math SL

Prerequisite: Algebra I, II, Geometry, Pre-calculus

Credits: 1

Students are expected to manipulate the conceptual and computational skills of algebra, geometry, calculus, trigonometry, probability and statistics, with emphasis on statistics to solve problems mathematically at an increasing level of sophistication.

**External Assessment**

Paper 1 and Paper 2: Two separate written examinations covering the syllabus of Math Studies involving areas in calculus, statistics, and graph theory among them. These are conducted in May according to IBO directions.

**Internal Assessment**

Students create a portfolio documenting the process utilized by them to solve more sophisticated mathematical applications.

**Group VI – Two course options**

**Art Design Option A (SL), or Option B (SL) (2 Year)**

Course No: 6434 IB Art Design SL (Year 1), 6437 IB Art Design SL (Year 2)

Prerequisite: None, Art I recommended

Credits: 1.5

This course asks students to research the elements of art, the cultural context that produced the art, and the historical development of the visual arts in cultures over time and geographical locations. They are expected to document their acquisition of information and reflect on the process and level of acquisition in a Research Art Workbook/Journal. They will be expected to create their own works of art that model the artistic techniques and materials of given cultural places and historical time periods in order to develop an appreciation for the artists and works that have been evaluated as significant in the world of art.

**External Assessment**

Option B

One 40-minute oral examination/discussion with the Art teacher that is recorded research conducted and chronicled in the student’s Research Workbook. All written research must reflect knowledge of the basic principles of art and how the varieties of art schools/eras apply them in unique cultural contexts. These are conducted in April according to IBO directions.

Option A

An art showing of the work created by the student, at which time the students give a 15-20 minute talk in the unifying theme, their growth and development as an artist, and the techniques and materials used to create their work.
International Baccalaureate Program

Internal Assessment

Option B
Photographs of 12 pieces of art created by the students reflecting the areas of study covered in the development of the Research Workbook.

Option A
The research workbook is presented that chronicles the research and growth of the student as an artist. All written research must reflect knowledge of the basic principles of art and how the varieties of art schools/eras apply them in unique cultural contexts.

Music SL (2 year course)
Course No: 6697 IB Music SL (Year 1)  6698 IB Music SL (Year 2)
Prerequisite: None; ability to sight read and play an instrument is highly recommended
Credits: 1.5
Students are expected to study, analyze, and reflect on the significant role music plays in culture. They are given the option of specializing in solo or group performance or the creation of music. They will manipulate, differentiate, and arrive at conclusions as to the value of specific pieces of music. Every class is assigned to two specific musical pieces by the IBO that they will use to conduct an in depth study.

External Assessment
Paper 1: A written examination covering the syllabus of Music. This is conducted in May according to IBO directions.

Musical Links Investigation – This is a 1500 word analytical essay that requires students to identify musical links between two distinct cultures.

Internal Assessment
Two student solo or group performances are recorded and evaluated by the teacher and sent to international examiners for moderation. Students who choose the creation option must present three different musical scores, a reflective essay on the thoughts behind the creation, and CD recording of the music they created. The teacher marks the works, and then sends for moderation.

Theory of Knowledge
Course No: 4441 (12th), 4442 (11th)
Prerequisite: IB Diploma Candidate
Credits: 1 (½ credit per year)
This is a critical thinking course that examines epistemology by asking students to answer the basic question “How do we know what we know?” Students will be asked to examine the Ways of Knowing and the Areas of Knowledge.

External Assessment
A 1500 word essay must be submitted addressing one of ten prescribed titles provided annually by IBO.

Internal Assessment (Graded by the teacher first, then by IB Examiners)
Students are expected to make a 10-15 minute presentation on an area of knowledge.

Extended Essay
This is an independent research essay in which a student extends a topic he/she has studied in one of their IB Diploma courses. If students choose to write an essay in Group 3, 4, or 5 in Spanish or French, utilizing Spanish or French sources, and it receives a passing mark, the student becomes a candidate for the IB Bilingual Diploma.

External Assessment (Graded in totality by IB Examiners)
This essay must extend the studies initiated in the classroom through research.

General requirements:
- 3200-4000 words,
- research essay must be completed independently of any class,
- approximately 18-20 pages in length,
- 12 size font,
- double spaced,
- minimum of 6 different sources.

Subject recommendations:
History: The student must select contradictory sources if possible and analyze the differing points of view in determining a conclusion as to what actually occurred.

Experimental Sciences: Some attempt at experiments or the collection and manipulation of data has to be present and analyzed.

English: The work revolves around literary criticism of literature. Works that were not originally created in English may be used.

Art and Design: Analyze the artwork utilizing the rules and principles of design and the cultural context that produced the work.

Spanish: Research into the uses of language – literary, formal/informal; essay must be written in Spanish.

Music: Research the cultural context that created the music, and its influence in the writing of the scores.
International Baccalaureate Program

Creativity Action and Service (CAS)  \( \text{Internal Documentation (auditable)} \)

**Creativity, Action and Service**

CAS provides the main opportunity for students to develop many of the attributes of the IB Learner Profile, to influence a sense of international mindedness, and to recognize their common humanity and shared guardianship of the planet, in order to help create a better and more peaceful world.

Students are expected to participate in the three areas (CAS), through activities which address a set of eight learning outcomes. The student is also expected to write reflections about what he/she learned as a result of participating. At the end of the two year program, the student is required to write a reflection essay on the experience.

**Moderation of Internal Assessments**

All Internal Assessments are first marked by the teacher of record. The teacher’s markings are then moderated and scored by IB Examiners. This system helps determine the teacher’s understanding of the rubrics and his/her course syllabus. The student’s submitted grade may be adjusted accordingly by the moderator.

### SAISD Pre-IB and IB Course List

#### Burbank IB Prep – Grades 9 & 10

<table>
<thead>
<tr>
<th>Course #</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1217</td>
<td>English I IB Prep</td>
<td>1</td>
</tr>
<tr>
<td>1218</td>
<td>English I IB Prep /GT</td>
<td>1</td>
</tr>
<tr>
<td>1227</td>
<td>English II IB Prep</td>
<td>1</td>
</tr>
<tr>
<td>1228</td>
<td>English II IB Prep /GT</td>
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<td>1714</td>
<td>Humanities IB Prep</td>
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<tr>
<td>2217</td>
<td>Algebra I IB Prep</td>
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<tr>
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<td>Pre-Calculus IB Prep /GT</td>
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<td>3246</td>
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<td>3283</td>
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<tr>
<td>4217</td>
<td>World Geography IB Prep</td>
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<tr>
<td>4229</td>
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<td>4230</td>
<td>AP World History/GT</td>
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<tr>
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<td>Spanish I IB Prep</td>
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#### IB Diploma – Grades 11 & 12

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<th>Group</th>
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## ESOL I
### Course No: 1210
This course is composed of thematic units that incorporates literary studies using writing, inquiry, research, listening, and speaking. The course equips the student with the communication and thinking skills essential for success in social, academic, and business situations. These critical processes support second language acquisition and provide appropriate instruction to enable students to meet content requirements. **Prerequisite:** LEP

### English I
#### Course No: 1214
English I, the foundation course for 9th grade students, integrates the study of composition, language usage, literature, and reading. Students will read and respond to a variety of literary genres and write for a variety of purposes and audiences. Students will complete two major research projects and a summer reading and writing project between their freshman and sophomore year. **Prerequisite:** None

### BSC English I
#### Course No: 9111
Modified curriculum of the key elements of the ELA TEKS taught by a special education teacher and based on the student’s IEP. **Prerequisite:** ARD/IEP committee recommendation

### English I Pre-AP
#### Course No: 1215
English I Pre-AP will provide a challenging curriculum for students who wish to prepare for the rigor of Advanced Placement courses. The course integrates the study of composition, language usage, literature, and critical reading. Students will read and respond to a variety of literary genres and write for a variety of purposes and audiences. Students will complete two major research projects, a multimedia presentation, and a summer reading and writing project. **Prerequisite:** None

### English I Pre-AP/GT
#### Course No: 1216
English I Pre-AP/GT will provide a challenging curriculum for students who wish to prepare for the rigor of Advanced Placement courses. To qualify for this program, students meet special criteria through an identification process. G/T students receive differentiated instruction with the Pre-AP course. The course integrates the study of composition, language usage, literature, and critical reading. Students will read and respond to a variety of literary genres and write for a variety of purposes and audiences. Students will complete two major research projects, two multimedia presentations, and a summer reading and writing project. **Prerequisite:** None

### ESOL II
#### Course No: 1220
This course may be substituted for English II for immigrant students with limited English proficiency only. The course incorporates both second language acquisition essential knowledge and skills, and English language knowledge and skills. **Prerequisite:** ESOL I

### English II
#### Course No: 1224
Students enrolled in English II continue to increase and refine their communication skills. English II integrates the study of composition, language usage, literature, and reading. Students will read and respond to a variety of literary genres and write for a variety of purposes and audiences. Students will complete two major research projects, a multimedia presentation, a writing portfolio, and a summer reading and writing project between their sophomore and junior year. **Prerequisite:** English I

### BSC English II
#### Course No: 9112
Modified curriculum of the key elements of the ELA TEKS taught by a special education teacher and based on the student’s IEP. **Prerequisite:** ARD/IEP committee recommendation

### English II Pre-AP
#### Course No: 1225
English II Pre-AP includes critical thinking skills and advanced mechanics, syntax, usage and vocabulary in preparation for the PSAT. Emphasis is given to the skills and strategies needed to succeed in AP courses in grades 11 and 12. The course requires critical reading of classical, Medieval Renaissance and contemporary literature with emphasis on the writer’s style and purpose. Students will use technology to produce a variety of oral and media communications and work with peers to analyze and evaluate their presentations in terms of the effect of media on the intended message. Students will complete two major research projects, an eight hour service learning project in literacy, one multimedia presentation and a summer reading and writing project. **Prerequisite:** English I or English I Pre-AP

### English II Pre-AP/GT
#### Course No: 1226
English II Pre-AP/GT includes advanced mechanics, syntax, usage and vocabulary in preparation for the PSAT. To qualify for the G/T program, students need to meet special criteria through an identification process. G/T students receive differentiated instruction with the Pre-AP course. The course requires critical reading of classical, Medieval Renaissance and contemporary literature with emphasis on the writer’s style and purpose. Students will use technology to produce a variety of oral and media communications and work with peers to analyze and evaluate their presentations in terms of the effect of media on the intended message. Students will complete two major research projects, an eight hour service learning project in literacy, begin their writing portfolio for their senior exhibition and a summer reading and writing project. **Prerequisite:** English I or English I Pre-AP

### English III
#### Course No: 1231(SH), 1234 (CP)
Students enrolled in English III continue to increase and refine their communication skills. They are expected to plan, draft, and complete written texts throughout the year. English III students will self-edit for clarity, use engaging language, and the correct use of the conventions and mechanics of written English to produce final, error-free drafts. In addition, students will practice a variety of forms of writing and multiple genres from American literature while exploring historical context, literary forms, devices and themes. English III students will complete two major research projects, a multi-media presentation, a four hour service learning project in literacy and a summer reading and writing project between their junior and senior year. **Prerequisite:** English II

### AP English Language
#### Course No: 1236
AP Language and Composition provides a college level curriculum that analyzes a variety of literary and nonfiction text reflecting American and world literature. Students in this course are expected to read critically, participate in class discussions and respond in writing to writer’s style, literary elements, cultural diversity and themes. Students will produce error-free essays and document research products. AP students spend more time outside of class reading, writing and problem-solving in preparation for the Advanced Placement Exams and post-secondary course work. Students will complete at least four major research projects, a multimedia presentation, a service learning project in literacy, prepare and submit for publication an article on Literature in American History and a summer reading and writing project. **Prerequisite:** English II or English II Pre-AP

### AP English Language GT
#### Course No: 1237
AP Language and Composition provides a college level curriculum with emphasis on the analysis of a variety of literary and nonfiction texts reflecting American and World literature. To qualify for the G/T program, students need to meet special criteria through an identification process. G/T students receive differentiated instruction with the AP course. Students in this course are expected to read critically, participate in class discussions and respond in writing to writer’s style, literary elements, cultural diversity and themes. Students will use the writing process to produce error-free essays and documented research products. Students in AP courses spend more time outside of class reading, writing and problem-solving in preparation for the Advanced Placement Exams and post-secondary course work. In this course, G/T students will develop a performance based project and begin a partnership with a mentor in their area of interest. Teachers will guide students through this project. The project will...
English Language Arts

be due at the end of the student’s junior year and the presentation of the project will be delivered before December of their senior year in order to receive credit for the DAP. Students will be encouraged to submit their research projects in local, state and national competitions. Students will complete two major research projects, two multimedia projects with oral presentation, a service learning project in literacy, continue work on their writer’s portfolio for their senior exhibition and a summer reading and writing project.

Prerequisite: English II or English II Pre-AP

English IV 1 Credit
Course No: 1244
Students enrolled in English IV continue to increase and refine their communication skills. High school students are expected to plan, draft, and complete written texts throughout the course for the year. Students edit their papers for clarity, engaging language and the correct use of the convention and mechanics of written English to produce final, error-free drafts. In English IV, students are expected to write in a variety of forms. English IV students read extensively in multiple genres from British literature. Students learn literary forms and terms associated with selections read, and interpret the possible influences of the historical context on a literary work. Students will complete a college research project, on major research project, and a multimedia presentation. Prerequisite: English III

BSC English IV
Course No: 9114
Modified curriculum of the key elements of the ELA TEKS taught by a special education teacher and based on the student’s IEP. Prerequisite: ARD/IEP committee recommendation

English IV DC 1 Credit
Course No: 1245
This course is an advanced English course composed of thematic units grounded in the study of British literature. Students who meet the registration guidelines and course requirements of ACCD can receive dual credit for English 1301 and 1302. Students must earn a grade of 80 or above to receive dual credit. Prerequisite: English III or III AP

AP English Literature 1 Credit
Course No: 1246
AP English Literature and Composition provides a college level curriculum requiring the analysis of classic and contemporary literature reflecting British and world authors. Students read a variety of genre including novel, short stories, essays, and poetry. Students are taught to analyze literary works and facilitate participation in class discussion for comparison of style, literary elements, cultural diversity, and themes. Literary analysis will also be a major focus of the composition strand. Students will employ their knowledge of rhetorical devices and conventions of standard written English as they write and use the writing process. This course demands a rigorous schedule of reading, writing, and problem solving in preparation for the Advanced Placement Exams and post-secondary course work. Students will complete a major research project each grading period, select and develop a partnership with a college mentor and develop a multi-media presentation on a subject determined between the student and the mentor. Prerequisite: English III or English III AP

AP English Literature GT 1 Credit
Course No: 1247
AP English Literature and Composition provides a college-level curriculum requiring the analysis of classic and contemporary literature reflecting British and world authors. To qualify for this program, students need special criteria through an identification process. G/T students receive differentiated instruction with the Pre-AP course. Students read a variety of genre including novels, short stories, essays, and poetry. In this course students are taught to analyze literary works to facilitate participation in class discussions for comparison of the style, literary elements, cultural diversity, and themes. Literary analysis will also be a major focus of the composition strand. Students will employ their knowledge of rhetorical devices and conventions of standard written English as they write and use the writing process. This course demands a rigorous schedule of reading, writing, and problem-solving preparation for the Advanced Placement Exams and post-secondary course work. Students will complete one major research project, a multi-media presentation, and the presentation of their junior project and writer’s portfolio as a part of their senior exhibition committee. The committee is comprised of the ELA teacher a teacher of the student’s choice, the student parent/s, and the student’s mentor. Prerequisite: English III or English III AP/GT

AP DC English Language 1 Credit
Course No: 1880
AP DC English Literature 1 Credit
Course No: 1881
English V Independent Study 1 Credit
Course No: 1250
English V Independent Study offers students instruction in vocabulary, comprehension, grammar, and written composition skills necessary for entry into college or the world of work. Students enrolled in English V will read multiple genres for a variety of purposes and learn a variety of reading comprehension strategies for a more effective and efficient reading. Students will plan, draft and complete written compositions on a regular basis, and carefully examine their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students will write in a variety of forms including business, personal, literary and persuasive texts. In this course, high school students accumulate, review, and evaluate their own work to determine strengths and needs, and set personal goals for these extended learning opportunities in language and literature. Successful completion of this course qualifies as an advanced measure for the Distinguished Achievement Program. Prerequisite: Teacher/Staff recommendation

Communication Applications ½ Credit
Course No: 1560
This course is recommended to meet the speech graduation requirement and will focus on helping each student develop the fundamental skills necessary to communicate effectively in a variety of modes, with emphasis on listening, speaking, discussing, presenting, and assessing. The students will have various opportunities to present, receive feedback, refine, and repeat their presentation so as to develop the competencies necessary to become an effective oral communicator in the classroom, on the job and/or in the community. Prerequisite: None

Legal Communication ½ Credit
Course No: 1551
This course is recommended to meet graduation requirements and will focus on helping each student develop the fundamental skills necessary to communicate effectively in a variety of modes, with emphasis on listening, speaking, discussing, presenting, and assessing. The student will have various opportunities to present, receive feedback, refine, and repeat their presentation to develop the competencies necessary to become an effective oral communicator in the classroom, on the job, and/or in the community. Students must earn a grade of 75 or above to receive dual credit.

Analysis Visual Media ½ Credit
Course No: 1552
In this elective course students will study the various visual arts including radio, television, movies, painting and multi-media to understand how they illustrate a message or theme. This course is analytically oriented. Students will learn broadcasting background and will examine current media trends. They will also gain “hands on” experience in media production by writing, producing, directing and editing programs, and by operating cameras. This course will have a strong composition emphasis that includes written critiques, essays, creative dialogues, editing sessions, interview questions, television copy and research. (MAGNET BRACKENRIDGE) Prerequisite: Teacher Recommendation

Creative Writing ½ Credit
Course No: 1553
1 Credit
1711
1 Credit
Students will read, study, and analyze various literary forms and conventions, and criteria for literary criticism. In addition, students will write poetry, fiction, and non-fiction, and drama. Students are expected to submit at least two pieces of writing from different genres to contests and various publications Prerequisite: English I
Research/Technical Writing
Course No: 1554 ½ Credit
1710 1 Credit
This course is designed for students to research and interpret data in order to create a variety of technical reports such as proposals, instructions and summaries. Instruction will emphasize clarity and accuracy of written expression and effective organization and presentation of information. Students will practice oral presentation skills for effective communication in the workplace.

Practical Writing
Course No: 1558 (1A) ½ Credit
1559 (1B) ½ Credit
1717 1 Credit
Practical Writing is designed to provide students with individual tutorial help with writing skills. Focus on the course will be STAAR remediation. Writing will be taught as a process. Students will work on mechanics, usage, diction, sentence combining, and paragraph development in refining their writing skills.

Reading I
Course No: 1771 1 Credit
Reading I helps ninth-twelfth graders who are having considerable difficulty in reading. Students will learn study strategies, test-taking skills and reading and writing processes necessary for handling a wide variety of materials, including school materials, work-related reading and pleasure reading. Prerequisite: Individual results based on testing and recommendation of counselor.

Reading II
Course No: 1772 1 Credit
Reading II helps tenth through twelfth graders who are still experiencing reading difficulty and need additional reading assistance after completing Reading I. Prerequisite: Individual results based on testing and recommendation of counselor.

Reading III
Course No: 1773 1 Credit
Reading II helps eleventh and twelfth graders who are still experiencing reading difficulty and need additional reading assistance after completing Reading I. Prerequisite: Individual results based on testing and recommendation of counselor.

Accelerated Reading Program:
READ 1 READ 180 (2PD-SE) 1 Credit
Course No: 1780
This researched based reading intervention program is designed so support incoming 9th grade struggling readers by accelerating their reading growth. The program directly addresses individual needs through adaptive and instructional software, high interest literature, and direct rBook instruction in reading, writing, and vocabulary skills. Prerequisite: Qualified Special Education student; Individual results based on state and local testing.

READ Intervention 1
Course No: 1781
This researched based reading intervention program is designed so support 9th grade retainees and 10th grade struggling readers by accelerating their reading growth. The program directly addresses individual needs through adaptive and instructional software, high interest literature, and direct rBook instruction in reading, writing, and vocabulary skills. Prerequisite: Qualified Special Education student; Individual results based on state and local testing.

BSC Reading 1
Course No: 9101
Modified instruction of the key elements of the Reading TEKS and taught by the special education teacher. The student’s IEP must be followed. Prerequisite: ARD/IEP committee recommendation

READ Intervention 2
Course No: 1782
This researched based reading intervention program is designed so support 10th-12th grade struggling readers by accelerating their reading growth. The program directly addresses individual needs through adaptive and instructional software, high interest literature, and direct rBook instruction in reading, writing, and vocabulary skills. Prerequisite: Qualified Special Education student; Individual results based on state and local testing.

BSC Reading II
Course No: 9102
Modified instruction of the key elements of the Reading TEKS and taught by the special education teacher. The student’s IEP must be followed. Prerequisite: ARD/IEP committee recommendation

READ Intervention 3
Course No: 1783
This researched based reading intervention program is designed so support 10th-12th grade struggling readers by accelerating their reading growth. The program directly addresses individual needs through adaptive and instructional software, high interest literature, and direct rBook instruction in reading, writing, and vocabulary skills. Prerequisite: Qualified Special Education student; Individual results based on state and local testing.

BSC Reading III
Course No: 9103
Modified instruction of the key elements of the Reading TEKS and taught by the special education teacher. The student’s IEP must be followed. Prerequisite: ARD/IEP committee recommendation

Journalism
Course No: 1718
This course is designed to introduce students to the history of mass media and its role in contemporary society. Students learn the fundamentals of journalism, including standards and functions of the press, news values, interview techniques, and copy preparation. Concentration is on writing news features and editorials, and students use computers to fulfill a variety of assignments.

Debate 1, 2, 3
1 Credit

English Language Arts
Course No: 1721 (1), 1722 (2), 1723 (3)
This course is designed to support 9th grade struggling readers by accelerating their reading growth. The program directly addresses individual needs through adaptive and instructional software, high interest literature, and direct rBook instruction in reading, writing, and vocabulary skills. Prerequisite: Qualified Special Education student; Individual results based on state and local testing.

READ Intervention 1
Course No: 9101
Modified instruction of the key elements of the Reading TEKS and taught by the special education teacher. The student’s IEP must be followed. Prerequisite: ARD/IEP committee recommendation

READ Intervention 2
Course No: 1782
This researched based reading intervention program is designed so support 10th-12th grade struggling readers by accelerating their reading growth. The program directly addresses individual needs through adaptive and instructional software, high interest literature, and direct rBook instruction in reading, writing, and vocabulary skills. Prerequisite: Qualified Special Education student; Individual results based on state and local testing.

READ Intervention 3
Course No: 1783
This researched based reading intervention program is designed so support 10th-12th grade struggling readers by accelerating their reading growth. The program directly addresses individual needs through adaptive and instructional software, high interest literature, and direct rBook instruction in reading, writing, and vocabulary skills. Prerequisite: Qualified Special Education student; Individual results based on state and local testing.

BSC Reading 1
Course No: 9101
Modified instruction of the key elements of the Reading TEKS and taught by the special education teacher. The student’s IEP must be followed. Prerequisite: ARD/IEP committee recommendation

BSC Reading II
Course No: 9102
Modified instruction of the key elements of the Reading TEKS and taught by the special education teacher. The student’s IEP must be followed. Prerequisite: ARD/IEP committee recommendation

BSC Reading III
Course No: 9103
Modified instruction of the key elements of the Reading TEKS and taught by the special education teacher. The student’s IEP must be followed. Prerequisite: ARD/IEP committee recommendation

Advanced Broadcasting
Journalism 1, 2, 3
Course No: 1741 (1), 1742 (2), 1743 (3)
Students will learn production and all responsibilities that fall under directing, producing and maintaining a weekly radio show in this year-long course. These skills will be demonstrated through student direction of an extended radio show. Performance skills will be continually practiced and refined.

Yearbook 1, 2, 3
Course No: 1761 (1), 1762 (2), 1763 (3)
Students gain laboratory experience in magazine production as they produce year books. Experience includes writing copy, computer copy preparation, page layout, design skills, photo cropping, and editing. Working after school as needed to complete assignments is a part of this course.

Newspaper 1, 2, 3
Course No: 1761 (1), 1762 (2), 1763 (3)
Working in editorial positions, students gain practical experience in producing the school newspaper. Experiences include personal instruction in advanced writing skills, preparing copy on the computer, page design, and paste-up techniques. Working after school as needed to complete assignments is a part of this course.

Oral Interpretation 1, 2, 3
1 Credit
Course No: 1731 (1), 1732 (2), 1733 (3)
This is a course for self-motivated students interested in speech competition. This course involves oral interpretation of literature, prose, and drama. Competition events include extemporaneous speaking oration, dramatic, and humorous interpretation and duet acting. Participation in UIL, TFA and/or NFL competition is required.
English Language Arts

SAT College Ready 1/2 Credit
Course No: 1706
The SAT preparation course is designed to introduce and enrich the skills needed to score highly on the SAT critical reading, writing, and math section. During this class, instructors cover math concepts in Arithmetic, Algebra, Geometry, Probability, and test taking strategies. They will also target reading and writing competencies, and supplement vocabulary. The students will take diagnostic exams and receive personalized reports detailing their performance to better understand individual strengths and weaknesses. **Prerequisite:** 11th grade

College Prep ELA 1 Credit
Course No: 1707
In this college-preparatory course, students will improve integrated critical reading and writing skills while engaging with a variety of texts across context areas and genres. Students will be able to develop and express ideas clearly and effectively communicate in writing with various audiences. This course will further prepare students for the expected rigor of college level coursework. Successful completion of this course, as defined by the memorandum of understanding (MOU) with the partnering institution(s), grants the student an exemption to Texas Success Initiative (TSI) requirements for English at the partnering institution(s). **Prerequisite:** 12th grade; successfully completed English I, II, and III; and passed ELA I EOC and ELA II EOC

Scholastic Aptitude Test Preparation (SAT Prep) Year-Long Course No: 1705
Semester Course No: 1706
The SAT preparation course is designed to introduce and enrich the skills needed to improve student test scores on the critical reading, writing, and math sections of the SAT. During this class, instructors cover math concepts and test taking strategies in general Arithmetic, Algebra, Geometry, and Probability. They will also target reading and writing competencies, and supplement vocabulary. The students will be required to take on-going diagnostic exams and will receive personalized reports aimed at better understand individual strengths and weaknesses for test preparation. **Prerequisite:** 10th or 11th grade

Status and Counselor Recommendation
Algebra I 1 Credit
Course No:  2214
This course is the entry-level mathematics course and is a prerequisite for all other mathematics courses. Students will investigate real numbers, linear equations and inequalities as well as linear, quadratic and other non-linear functions. Students will need to understand a function is a fundamental mathematical concept and expresses a special kind of relationship between two quantities. Students are required to evaluate and solve linear and non-linear functions with and without technology tools and use a variety of representations to model mathematical situations. 
Prerequisite: 8th Grade Math or equivalent

BSC Algebra I
Course No:  9121
Modified curriculum of the key elements of the Algebra I TEKS and taught by the special education teacher. The student’s IEP must be followed. 
Prerequisite: ARD/IEP recommendation

Algebra 1 Pre-AP 1 Credit
Course No:  2215
This course provides a foundation for high school mathematics by integrating algebra and geometry. Students will learn all concepts addressed in Algebra I with the expectation of understanding the applications of functions through extensive problem solving. Students will be expected to demonstrate mastery of math concepts through a strategic problem solving model and the math process standards. Prerequisite: 8th Grade Math or equivalent

Algebra 1 Pre-AP/GT 1 Credit
Course No:  2216
This course will address all topics in the Algebra I Pre-AP course. Students will be expected to demonstrate mastery of math concepts through a strategic problem solving model and the math process standards. Students will be expected to demonstrate mastery of math concepts through a strategic problem solving model and the math process standards. Selected course topics will be covered in greater depth and complexity by the GT students.
Prerequisite: 8th Grade Math or equivalent

Geometry 1 Credit
Course No:  2224
This course includes the study of plane and solid geometry, coordinate geometry, and transformational geometry. Students will learn traditional and non-traditional proofs, transformations, similarities, area and volume. Students will use a variety of representations, tools, and technology to solve meaningful problems. Students will analyze geometric relationships to make and verify conjectures and apply logical reasoning to justify and prove mathematical statements, apply concepts of congruence, similarity, and dimensionality.
Prerequisite: Algebra 1

BSC Geometry
Course No:  9122
Modified curriculum of the key elements of the Geometry TEKS and taught by the special education teacher. The student’s IEP must be followed. 
Prerequisite: ARD/IEP recommendation

Geometry Pre-AP 1 Credit
Course No:  2225
This Pre-AP course is a second year mathematics course integrating algebra and geometry. Students will use algebraic and geometric thinking as well as symbolic and spatial reasoning to understand and apply mathematical concepts. Students will learn all coursework offered in the traditional geometry course with an additional emphasis on selected topics to apply critical thinking, problem solving, and the use of techniques and tools for algebraic and geometric thinking.
Prerequisite: Algebra 1

Geometry Pre-AP/GT 1 Credit
Course No:  2226
This course develops an awareness of the structure of a mathematical system connecting definitions, postulates, theorems, logical reasoning, transformations, proofs, and coordinate geometry. In this course, students analyze geometric relationships in order to make and verify conjectures. This Pre-AP/GT class requires students to problem solve using more advanced mathematical techniques preparing students for higher mathematics including extensive reading and writing. Selected course topics will be covered in greater depth and complexity by the GT students. 
Prerequisite: Algebra 1

Algebra 2 1 Credit
Course No:  2233
This course expands the mathematical concepts mastered in Algebra I. Students learn to express and analyze relationships through the study of logarithmic, square root, cubic, cube root, absolute value, rational functions and related equations. Students will connect functions to their inverses in mathematical and real-world situations. Students will be expected to evaluate and solve parent functions and their inverses using a variety of methods with and without technology.
Prerequisite: Algebra 1

Algebra 2 Pre-AP 1 Credit
Course No:  2234
This course will address all topics offered in the Algebra II course. This Pre-AP class prepares students for higher mathematics by requiring students to use more advanced mathematical techniques supported by non-calculator methods of problem-solving. Extensive reading, writing, and use of a graphing calculator are required. 
Prerequisite: Algebra 1

Algebra 2 Pre-AP/GT 1 Credit
Course No:  2235
This Pre-AP course is a third year mathematics course integrating algebra and geometry. This course will address all topics offered in the Algebra II Pre-AP course. This Pre-AP class prepares students for higher mathematics by requiring students to use more advanced mathematical techniques supported by non-calculator methods of problem-solving. Expect an emphasis on critical thinking, reading and writing in applying algebraic and geometric concepts to real world situations. Selected course topics will be covered in greater depth and complexity by the GT students. 
Prerequisite: Algebra 1

Pre-Calculus 1 Credit
Course No:  2471
In Pre-calculus, students use symbolic reasoning and analytical methods to represent mathematical situations, express generalizations, and study mathematical concepts. Functions, equations, and limits are used to analyze and understand a broad variety of mathematical relationships. Students use functions and symbolic reasoning to connect concepts in geometry, probability, statistics, trigonometry, and calculus in order to model physical situations. Critical skills include working with multiple representations, tools, and technology to model functions and solve real-life problems. 
Prerequisite: Geometry, Algebra 2

Pre-Calculus Pre-AP/GT 1 Credit
Course No:  2473
In Pre-AP/GT Pre-calculus, students use symbolic reasoning and analytical methods to represent mathematical situations, express generalizations, and study mathematical concepts. Functions, equations, and limits are used to analyze and understand a broad variety of mathematical relationships. Students use functions and symbolic reasoning to connect concepts in geometry, probability, statistics, trigonometry, and calculus in order to model physical situations. Critical skills include working with multiple representations, tools, and technology to model functions and solve real-life problems. Foundational concepts for the study of calculus are emphasized. Selected course topics will be covered in greater depth and complexity by the GT students. 
Prerequisite: Geometry, Algebra 2

Math Electives

Students failing EOC exams may be placed in reading classes rather than electives in order to improve their reading and writing skills.
Mathematics

AP Calculus AB  1 Credit  
Course No.: 2481  
This course follows the College Board Advanced Placement guidelines for AP Calculus AB. Concepts include analysis of functions, graphs, limits, derivatives and integrals. Applications for each of these will be explored. The course prepares students for the AP exam through which the student may receive college credit.  
Prerequisite: Geometry, Algebra 2, Pre-Calculus Pre-AP

AP Calculus BC  1 Credit  
Course No.: 2482  
This course follows the College Board Advanced Placement guidelines for AP Calculus BC. Concepts include analysis of functions, graphs, limits, derivatives. Integrals, planar curves, and series. Applications for each of these will be explored. The course prepares students for the AP exam through which the student may receive college credit.  
Prerequisite: Geometry, Algebra 2, Pre-Calculus Pre-AP

AP Statistics  1 Credit  
Course No.: 2491  
Prerequisite: Geometry, Algebra 2, Pre-Calculus Pre-AP  
This course provides students with the opportunity to collect, analyze, and display quantitative data from business, physical and social sciences, engineering, and mathematical applications. This course follows the College Board Advanced Placement guidelines for AP Statistics and prepares students for the AP exam through which the student may receive college credit.

Mathematical Models with Applications  1 Credit  
Course No.: 2284  
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, chance, patterns, music, design, and science. Students use mathematical models from algebra, geometry, probability, and statistics and connections among these to solve problems from a wide variety of advanced applications in both mathematical and nonmathematical situations. Students use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology (including, but not limited to, calculators with graphing capabilities, data collection devices, and computers) to link modeling techniques and purely mathematical concepts and to solve applied problems.  
Prerequisite: Algebra 1

BSC Math Model Applications  
Course No.: 9123  
Modified curriculum of the key elements of the Math Model Application TEKS and taught by the special education teacher. The student’s IEP must be followed. Prerequisite: ARD/IEP recommendation

Advanced Quantitative Reasoning  1 Credit  
Course No.: 2524  
Students continue to build upon the K-8, algebra, and geometry foundations as they expand their understanding through further mathematical experiences. Advanced Mathematical Decision Making includes the analysis of information using statistical methods and probability, modeling change and mathematical relationships, and spatial and geometric modeling for mathematical reasoning. 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 skills to solve authentic problems. Students develop critical skills for success in college and careers, including investigation, research, collaboration, and both written and oral communication of their work, as they solve problems in many types of applied situations.  
Prerequisite: Algebra 2

College Prep Math  1 Credit  
Course No.: 1708  
This course addresses a variety of mathematical topics needed to prepare students success in College-level mathematics. In addition, the course supports students in developing skills and strategies needed to succeed in college. Mathematics topics include: numeracy with an emphasis on estimation and fluency with large numbers, manipulating and evaluating expressions and formulas that include perimeter, area, and volume; rates, ratios, and proportions, percentages, solving equations, linear equations and inequalities, linear systems, exponential models, data interpretations including graphs and tables; verbal, algebraic, and graphical interpretations of functions.  
Prerequisite: 12th grade; credit for Algebra I, Geometry, and Algebra II; passed Algebra I EOC

Scholastic Aptitude Test Preparation (SAT Prep)  
Year-Long Course No.: 1705  
Semester Course No.: 1706  
The SAT preparation course is designed to introduce and enrich the skills needed to improve student test scores on the critical reading, writing and math sections of the SAT. During this class, instructors cover math concepts and test taking strategies in general Arithmetic, Algebra, Geometry, and Probability. They will also target reading and writing competencies, and supplement vocabulary. The students will be required to take on-going diagnostic exams and will receive personalized reports aimed at better understand individual strengths and weaknesses for test preparation.  
Prerequisite: 10th or 11th grade Status and Counselor Recommendation

Students failing EOC exams may be placed in reading classes rather than electives in order to improve their reading and writing skills.
Biology I Pre-AP 1 Credit
Course No: 3224
This course provides a more in-depth study of biology topics with strong emphasis on lab research and preparation for AP Biology. Students will be required to produce science fair projects.

Biology I Pre-AP/GT 1 Credit
Course No: 3225
This course provides a more in-depth study of biology topics with strong emphasis on lab research and preparation for AP Biology. The GT students will cover selected course topics in greater depth and complexity with increased opportunities for reading and writing of self-selected science topics and case studies. Students will produce long-term research projects and participate in science fair.

BSC Biology Course No: 9131 BSC Bio
Modified curriculum of the key elements of the Biology TEKS and taught by the special education teacher. The student’s IEP must be followed.
Prerequisite: ARD/IEP recommendation

Chemistry 1 Credit
Course No: 3243
Students will study chemistry concepts to include the characteristics of matter, use of the Periodic Table, atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will apply advanced mathematics to solve complex problems. Prerequisite: Biology and Algebra I

Chemistry I Pre-AP 1 Credit
Course No: 3244
This course provides a more in-depth study of chemistry topics with strong emphasis on lab research and preparation for AP Chemistry. Students will be required to produce science fair projects.

Chemistry I Pre-AP/GT 1 Credit
Course No: 3245
This course provides a more in-depth study of chemistry topics with strong emphasis on lab research and preparation for AP Chemistry. The GT students will cover selected course topics in greater depth and complexity with increased opportunities for reading and writing of self-selected science topics and case studies. Students will produce science fair projects.

Chemistry (DC) 1 Credit
Course No: 3248
This is a college-level introductory web-based chemistry course taught in conjunction with the University of Texas at Austin college professor. Students receive course lectures, assignments, and tests online. Three hours of college credit are awarded for course completion (provided by college professor). One credit is awarded for a high school science elective course (provided by high school teacher). Students must earn a grade of 75 or above to receive dual credit. Prerequisite: Biology, Chemistry I and Biology EOC (Level II)

Physics 1 Credit
Course No: 3263
Students will study physics concepts to include laws of motion, physical systems, energy and momentum; forces, thermodynamics, waves, and atomic, nuclear, and quantum physics. Suggested Prerequisite: Algebra I

AP Biology 1 Credit
Course No: 3230
GT Course No: 3231
AP Biology is a course designed to be equivalent to a college introductory biology course. This course follows the College Board Advanced Placement guidelines and prepares students for the AP exam through which the student may receive college credit. Concepts presented include biochemistry, cytology, bioenergetics, genetics, evolution, ecology, and animal and plant systems. Sophisticated lab techniques are included in this program. Prerequisite: Biology, Chemistry

AP Chemistry 1 Credit
Course No: 3250
This course is a continuation of the study of chemistry, but at the college level. Major topics include structure of matter, states of matter, reactions, enthalpy, solution chemistry and descriptive chemistry. In addition to sophisticated lab techniques the use of computer technology and modern scientific equipment will be stressed. Particular emphasis is placed on preparing students for the Advanced Placement test. Students may earn college credit depending on their scores on the AP Test. Prerequisite: Biology, Chemistry

AP Physics I 1 Credit
Course No: 3283
This course follows the College Board Advanced Placement guidelines in preparation for the AP exam through which students may receive college credit. Students will explore Newtonian mechanics including rotational motion; work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Students will be required to produce science fair projects. Suggested Prerequisite: Algebra I

AP Physics II 1 Credit
Course No: 3284
This course follows the College Board Advanced Placement guidelines in preparation for the AP exam through which students may receive college credit. Students will explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Students will be required to produce science fair projects. Suggested Prerequisite: Algebra I

AP Physics C 1 Credit
Course No: 3274
GT Course No: 3275
AP Physics C is a college-based intensive study of mechanics, electricity, and magnetism. Topics include static and dynamic equilibrium, linear and rotational kinematics, oscillations, gravitation, electrostatics, magneto statics, electric circuits and electromagnetism. This course helps students prepare for the Advanced Placement (AP) examination in this subject. Prerequisite: AP Physics I and II; Algebra I

Integrated Physics and Chemistry (IPC) 1 Credit
Course No: 3214
The IPC course includes laboratory activities that introduce students to the observation and understanding of chemical and physical laws, concepts and properties. Students will investigate practical applications related to the concepts of motion, waves, machines, heat, sound and light, energy transformations, properties of matter, electricity and magnetism. Prerequisite: None

BSC Integrated Physics and Chemistry (IPC) Course No: 9132 BSC IPC
Modified curriculum of the key elements of the IPC TEKS and taught by the special education teacher. The student’s IEP must be followed.
Prerequisite: ARD/IEP recommendation

Anatomy/Physiology of Human Systems 1 Credit
Course No: 7608
This course offers students further study in human life science processes and structures. Laboratory and computer assisted dissections and study of related animal body parts will facilitate understanding and knowledge necessary for careers in medical and health-related fields. Studies will include current technological equipment and applications. Prerequisite: Biology, Chemistry, Physics (recommended)

23
Science

Environmental Systems (Elective) 1 Credit
Course No: 3581
This course includes the biological and physical relationships of organisms to their environment. Laboratory and field studies are used to study problems related to population, air, water and soil pollution, natural resources, and energy resources. 
Prerequisite: None

AP Environmental Science (Elective) 1 Credit
Course No: 3583
AP Environmental Science is comprised of units of study that include interdependence of earth systems, environmental quality, human population dynamics, renewable and non-renewable resources, global changes and their consequences, and the environment and society. The course prepares students for the Advanced Placement examination. 
Prerequisite: Biology, Chemistry, Environmental Systems

Astronomy 1 Credit
Course No: 3621
Astronomy is the study of the positions, motions, structure, and history of objects in the universe, and the physical laws that govern them. Specific topics include characteristics and comparisons of the planets and galaxies, and the possibility of extraterrestrial life. 
Prerequisite: Biology

DC Chemistry 1 Credit
UCHEM 301
Course No: 7839
This is a college-level introductory web-based chemistry course taught in conjunction with the University of Texas at Austin. Students receive lectures from a college professor, complete homework, take quizzes and tests online, and conduct labs in their science classrooms. Three hours of college credit is awarded for course completion and the overall grade is assigned by the professor at UT Austin. One credit for a high school elective course is also given by the high school classroom teacher. 
Prerequisite: Biology, Chemistry

AP Chemistry GT 1 Credit
Course No: 3251
Chemistry is a continuation of the study of chemistry, but at the college level. Major topics include structure of matter, states of matter, reactions, enthalpy, solution chemistry, and descriptive chemistry. In addition to sophisticated lab techniques, the use of computer technology and modern scientific equipment will be stressed. Students are expected to possess strong verbal and written communication skills. Particular emphasis is placed on preparing students for The College Board Advanced Placement Test. Students may earn college credit depending on their scores and the AP Test. 
Prerequisite: Biology, Chemistry

AP
World Geography 1 Credit
Course No: 4214
In World Geography Studies, students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. A significant portion of the course centers around the physical processes that shape patterns in the physical environment; the characteristics of major land forms, climates, and ecosystems and their interrelationships; the political, economic and social processes that shape cultural patterns of regions; types and patterns of settlements; the distribution and movement of world population; relationships among people, places and environments; and the concept of region. Students use problem-solving and decision making skills to ask and answer geographic questions.

World Geography Studies Pre-AP 1 Credit
Course No: 4215
This Pre-AP course is an enriched and more comprehensive coverage of the regular World Geography Studies course. Emphasis is placed on the in-depth study of topic areas. The course introduces skills, concepts and assessment methods that prepare students for success when they take the AP exam and other challenging courses.

BSC World History
Course No: 9142
Modified curriculum of the key elements of the World History TEKS and taught by the special education teacher. The student’s IEP must be followed. Prerequisite: ARD/IEP committee recommendation

World History Pre-AP 1 Credit
Course No: 4225
This Pre-AP course is an enriched and more comprehensive coverage of the regular World History Studies course. Emphasis is placed on in-depth study of topic areas. Pre-AP World History introduces skills, concepts, and assessment methods that prepare the students for success when they take AP exam and other challenging courses. Crucial academic skills such as learning skills, writing skills, and analytical skills are stressed throughout the year.

World History Pre-AP/GT 1 Credit
Course No: 4226
This course will provide students with analytical skills and factual knowledge necessary to deal critically with the study of World history. Emphasis is on people, politics, culture, events and a study of man’s Western heritage and of significant non-Western cultures. Students must meet requirements for admission to AP courses and be recommended by their Pre-AP World History teacher.

AP World History 1 Credit
Course No: 4229
This course is designed to develop a greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. Focused primarily on the past thousand years of history, the course builds on an understanding of cultural, instructional and technological precedents that, along with geography, set the human stage prior to 1000 C.E. A summer reading program may be required.

World History AP/GT 1 Credit
Course No: 4230
This course is designed to develop a greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. Focused primarily on the past thousand years of world history, the course builds on an understanding of cultural, instructional and technological precedents that, along with geography, set the human stage prior to 1000 C.E. A summer reading program may be required.

US History 1 Credit
Course No: 4234
In United States History Studies Since 1877, which is the second part of a two-year study that begins in Grade 8, students study the history of the United States from 1877 to the present. The course content is based on the founding documents of the U.S. government, which provide a framework for its heritage. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies, and reform movements, including civil rights.

Students failing EOC exams may be placed in reading classes rather than electives in order to improve their reading and writing skills.
Social Studies

US Government ½ Credit
Course No: 4254, 4253 (CS)*
In US government, the focus is on the principles and beliefs upon which the United States was founded and on the structure, functions, and powers of government at the national, state and local levels. Students learn major political ideas and forms of government in history. A significant focus of the course is on the U.S. Constitution, its underlying principles and ideas, and the form of government it created. A summer reading program may be required.

BSC Government
Course No: 9144
Modified curriculum of the key elements of the Government TEKS and taught by the special education teacher. The student’s IEP must be followed. Prerequisite: ARD/IEP committee recommendation

Government DC ½ Credit
Course No: 4255
This is a college-level course in which students study national, state, and local government systems, theories of political thought, and principles of American democracy. Upon successful completion of this course, students receive three (3) hours of college credit, which satisfy the SAISD government requirements for graduation. Students will work with an assigned junior college for credit requirements, and must earn a grade of 75 or above to receive dual credit.

AP U.S. Government ½ Credit
Course No: 4256
This course is a first-year college level course in American government. The course is designed to examine, in depth, the foundations of the American political system through an extensive review of the nation’s Constitution, its three branches of government, the policy making process of the government, the growth and development of political institutions and parties, the influence of the bureaucracy and media on policy making, and a study of state and local government structures. Emphasis in the course is placed on the development of research skills, the interpretation and analysis of primary and secondary documents, and on writing of critical essays on political issues and problems. The course is ideally suited for those students planning to major in the Social Sciences or for those taking the Advanced Placement exam in government. A strong writing background is presupposed as are good study habits and strong self-motivation. Students are encouraged to take the Advanced Placement Examination. This course satisfies the U.S. Government credit for graduation. A summer reading program may be required.

AP Government GT ½ Credit
Course No: 4257
This course is a study of the various institutions, groups, beliefs and ideas that make up the American political reality. This course prepares students to take the AP exam and requires extensive reading and writing.

Economics with Emphasis on the Free Enterprise System and Its Benefits ½ Credit
Course No: 4261 (SH), 4262 (MI), 4264 (CP), 4263 (CS)*
This course is the culmination of the economic content and concepts studied from Kindergarten through required secondary courses. The focus is on the basic principles concerning production, consumption, and distribution of goods and services (the problem of scarcity) in the United States and a comparison with those in other countries around the world. Students analyze the interaction of supply, demand, and price. Students will investigate the concepts of specialization and international trade, economic growth, key economic measurements, and monetary and fiscal policy. The course also incorporates instruction in personal financial literacy

BSC Economics
Course No: 9141
Modified curriculum of the key elements of the Economics TEKS and taught by the special education teacher. The student’s IEP must be followed. Prerequisite: ARD/IEP committee recommendation

Economics I DC ½ Credit
Course No: 4265
This course is a study of the principles of economics that apply to an economic system as a whole. Upon successful completion of this course, students receive three (3) hours of college credit which satisfy requirements for graduation. Students will work with an assigned community college for credit requirements, and must earn a grade of 75 or above to receive dual credit.

AP Microeconomics ½ Credit
Course No: 4266
The purpose of an AP course in Microeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price determination, and also develops students' familiarity with economic performance measures, and economic growth. A summer reading program may be required.

AP Government GT ½ Credit
Course No: 4257
The AP program in economics provides a learning experience equivalent to that obtained in a typical college introductory Microeconomics course. In Microeconomics, students are given a thorough understanding of the principles of economics that apply to the functions of individual decision makers as consumers and producers within the larger economic system. Students are encouraged to take the Advanced Placement Examination.

AP Macroeconomics ½ Credit
Course No: 4268
The AP program in economics provides a learning experience equivalent to that obtained in a typical college introductory macroeconomics course. Macroeconomics places particular emphasis on the study of national income and price determination; and also develops students' familiarity with economics performance measures, economic growth, and international economics. Students are encouraged to take the Advanced Placement Examination. A summer reading program may be required.

AP Macroeconomics GT ½ Credit
Course No: 4269
The AP program in economics provides a learning experience equivalent to that obtained in a typical college introductory Macroeconomics course. Macroeconomics places particular emphasis on the study of national income and price determination; and also develops students’ familiarity with economics performance measures, economic growth, and international economics. Students are encouraged to take the Advanced Placement Examination.

Social Studies Electives

Special topics ½ Credits*
Course No: 4510 (10th grade)
4511 (11th grade)
4512 (12th grade)
In Special Topics in Social Studies, students are provided the opportunity to develop a greater understanding of the historic, political, economic, geographic, multicultural, and social forces that have shaped their lives and the world in which they live. Students will use social science knowledge and skills to engage in rational and logical analysis of complex problems using a variety of approaches, while recognizing and appreciating diverse human perspectives.

*Students may earn a maximum of 2 credits.
Sociology DC ½ Credit
Course No: 4518
In this introductory college-level course, students study dynamics and models of individual and group relationships. Students study topics such as the history and systems of sociology, cultural and social norms, social institutions, and mass communication. Students will work with an assigned community college for credit requirements, and must earn a grade of 75 or above to receive dual credit.

Sociology ½ Credit
Course No: 4519
This course is an introductory study in social behavior and organization of human society. This course will describe the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever-changing world. Students will also learn the importance and role of culture, social structure, socialization, and social change in today's society. This elective course does not fulfill the social studies requirement for graduation.

Psychology ½ Credit
Course No: 4520
This course is designed to allow students to study the science of behavior and mental processes. Students examine the full scope of the science of psychology such as the historical framework, methodologies, human development, motivation, emotion, sensation, perception, personality development, cognition, learning, intelligence, biological foundations, mental health, and social psychology. This elective course does not fulfill the social studies requirement for graduation.

AP Psychology ½ Credit
Course No: 4521
This is an introductory college course in psychology that provides students with a learning experience commensurate with a college introductory course. This course introduces students to the systemic and scientific study of behavior and mental processes of human beings and animals. This course is ideally suited for those students planning a major in Liberal Arts. Students are encouraged to take the Advanced Placement Examination. This elective course does not fulfill the social studies requirement for graduation.

Psychology DC ½ Credit
Course No: 4523
In this introductory college-level course, students consider the development of the individual and personality. The study of Psychology is based on a historical framework and relies on effective collection and analysis of data. Students study topics such as theories of human development, personality, motivation, and learning. Students will work with an assigned community college for credit requirements, and must earn a grade of 75 or above to receive dual credit. This elective course does not fulfill the social studies requirement for graduation.

AP Human Geography ½ Credit
Course No: 4524
Human geography is an in-depth thematic study of the world taught and assessed as a college-level course. Students study aspects of geography including its nature and perspectives, population, cultural patterns, political organization of space, agricultural and rural land use, cities and urban land use, and industrialization and economic development.

Legal Communication
Fox Tech High School

Legal Communication
(See course 1551 under English-page 12)

Civil Law ½ Credit
Course No: 4515
Grade 11
This course provides students the opportunity to explore, through lecture, research and first-hand experience, the components of torts and contracts as they relate to our judicial system. Students will conduct mock trials to gain a clear understanding of “preponderance of evidence” vs. “without a doubt” in determining guilt. St. Mary's University law professors, law students and members of the San Antonio Bar Association, among others, serve as guest lecturers and mentors. Prerequisite: Legal Communication Foundations of the American Legal System

Foundations of the American Legal System
Course No: 4611
Grade 10
This course is designed to acquaint students with an overview of law-related professions and a history of the laws that are the basis of the legal system of the United States of America. The history begins with the first known laws and proceeds through time to 1787 and the writing of the Constitution. Students will be accountable for research, reading and writing on various constitutional issues. Debates and mock trials are incorporated into this course. The mock trials encompass all landmark decisions by the United States Supreme Court. Prerequisite: Legal Communication Foundations of the American Legal System

Criminal Law ½ Credit
Course No: 4516
Grade 11
This course provides students with a basic understanding of crimes against the State. Cases will examine from time of arrest through final verdict, including topics such as investigation, just selection, opening and closing arguments, cross-examinations, and punishment. Mock trials will be conducted to facilitate a thorough understanding of the trial process. St. Mary's University law professors, law students and members of the San Antonio Bar Association will serve as guest lecturers and mentors. Prerequisite: Legal Communication Foundations of the American Legal System Civil Law

Special Topics SS (Legal Research) 1 Credit
Course No: 4612
Grade 12
Prerequisite: All courses in Law Strand
This course will teach students how lawyers acquire the legal knowledge necessary for competent client representation. It focuses on a critical skill lawyers employ on behalf of clients: legal research. Students will learn to assess the strengths and weaknesses of cases as well as learn how to negotiate effectively, argue a case convincingly, and write persuasive briefs. Debates and mock trials are incorporated into this course; however, the mock trials at this level encompass civil, criminal and Constitutional cases. Students will also become well informed about the current state of the law

Special Topics Advanced ½ Credit
(Legal Internship)
Course No: 4613
Grade 12
Prerequisite: All courses in Law Strand
The Internship provides students with the opportunity to put into practice the knowledge and skills they have obtained during their three previous years in the Law Magnet Strand. Students will select an area of law that is most interesting to them, and every effort will be made to match students to the appropriate placement. The Internship will take place during the course of the regular school day. Prerequisite: Legal Communication Foundations of the American Legal System

Special Topics SS (Legal Research) ½ Credit
Course No: 4525
Grade 11
Prerequisite: All courses in Law Strand
This course will teach students how lawyers acquire the legal knowledge necessary for competent client representation. It focuses on a critical skill lawyers employ on behalf of clients: legal research. Students will learn to assess the strengths and weaknesses of cases as well as learn how to negotiate effectively, argue a case convincingly, and write persuasive briefs. Debates and mock trials are incorporated into this course; however, the mock trials at this level encompass civil, criminal and Constitutional cases. Students will also become well informed about the current state of the law

Special Topics Advanced ½ Credit
(Legal Research)
Course No: 4612
Grade 12
Prerequisite: All courses in Law Strand
This course will teach students how lawyers acquire the legal knowledge necessary for competent client representation. It focuses on a critical skill lawyers employ on behalf of clients: legal research. Students will learn to assess the strengths and weaknesses of cases as well as learn how to negotiate effectively, argue a case convincingly, and write persuasive briefs. Debates and mock trials are incorporated into this course; however, the mock trials at this level encompass civil, criminal and Constitutional cases. Students will also become well informed about the current state of the law

Students falling EOC exams may be placed in reading classes rather than electives in order to improve their reading and writing skills.
## Languages Other Than English

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Spanish I</td>
<td>1 Credit</td>
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<tr>
<td>Course No:</td>
<td>5211</td>
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<tr>
<td>Spanish I develops listening, speaking, reading, and writing skills. This course emphasizes grammar, culture, communication, learning strategies, and technology. Students learn to use language meaningfully and begin to develop the facility to communicate in Spanish. Development and application of critical-thinking skills are integrated throughout the lessons as students make cross-cultural observations and adjust cultural perceptions. Students interpret the possible influences of the historical and cultural context on literary selections. <strong>Prerequisite:</strong> None</td>
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| Spanish II | 1 Credit |
| Course No: | 5214 |
| Spanish II reviews and further develops communication skills taught in Spanish I by using language, grammar, culture, technology, and reading skills. This course gives emphasis to the process of speaking, reading and writing. The reading selections are taken from a variety of sources including authentic magazines, stories, dramas, novels and poetry. Students gain knowledge in order to understand cultural practices. Students practice all forms of writing. An on-going effort is made to develop the student’s ability to express ideas and to think in Spanish. **Prerequisite:** Spanish I |

| Spanish III | 1 Credit |
| Course No: | 5217 |
| Spanish III develops the fundamental language skills of listening, speaking, reading, and writing. Learning is organized within the five goal areas: communication, cultures, connections, comparisons, and communities. The performance guidelines for learners are to advance students through the language stages of novice to intermediate proficiency. **Prerequisite:** Spanish II |

| Spanish III Pre AP | 1 Credit |
| Course No: | 5218 |
| Spanish III Pre-AP is designed to provide students opportunities to reach intermediate proficiency in the skills of listening, speaking, reading, and writing. This course allows students to prepare for the Advanced Placement Language Examination by using critical thinking skills that focus on the development of comprehension of Spanish literature and expository composition. Readings include excerpts from Spanish literature as well as current magazine and newspaper articles. Students write compositions of 100 – 150 words with accuracy. This course also expands awareness, understanding, and appreciation of other cultures. Spanish III Pre-AP reinforces reading and writing. **Prerequisite:** Spanish II |

| Spanish III DC: Intermediate Spanish | 1 Credit |
| Course No: | 5220/ SAC 2311 |
| Course Description/ Course Overview |
| At this intermediate level the student is expected to develop fluency and comprehension of the language as well as the use of more advanced vocabulary in composition and conversation. The language skills of listening, speaking, reading, writing, viewing and showing are further developed. Specialized assignments will continue the study of the culture and introduce literary works at the appropriate level. Students are required to demonstrate an intermediate level of proficiency for credit. Students will receive one high school credit and three hours credit from San Antonio College with this course. **Prerequisite:** Spanish II DC |

| Spanish IV AP LANGUAGE & CULTURE | 1 Credit |
| Course No: | 5221 |
| Spanish IV AP Language is a continuation of the study of Spanish equivalent to third year college level, with an emphasis on preparing students for the College Board Advanced Placement Language Examination. Students may receive college credit after successfully passing the Advanced Placement Language Exam. This course encompasses listening comprehension, reading comprehension, grammar, and composition. Students will write compositions of 200 words with a high degree of vocabulary and structural accuracy, synthesizing and citing different sources without the use of a dictionary to be completed in 45 minutes. Discussions include literary and cultural topics as well as current events. Authentic literary prose and poetry are read. This course incorporates high-level critical-thinking skills to develop proficiency in communication. **Prerequisite:** Spanish III |

| Spanish V AP LITERATURE & CULTURE | 1 Credit |
| Course No: | 5222 |
| Spanish V AP is a continuation of the study of Spanish equivalent to third year college level with an emphasis on preparing students for the College Board Advanced Placement Literature and Culture Examination. Students may receive college credit after successfully passing the Advanced Placement Literature and Culture Exam. This course is conducted entirely in Spanish and uses high-level critical-thinking skills that develop proficiency in interpretive listening, speaking, reading, analysis and writing with an emphasis text explanation and comparison. The student is exposed to a variety of genre, themes, style, length, and varying degrees of difficulty in reading. The advanced learner reads and comprehends selected authors’ prose and poetry. Students synthesize themes and cite sources read. The student must compose essays of 250 words in length written within 40 minutes. **Prerequisite:** Spanish IV |

| Spanish VI Independent Study | 1 Credit |
| Course No: | 5225 |
| Spanish VI is an advanced measure and independent study course designed to facilitate the production of original literature study. Students, with the guidance of their teacher, build a portfolio of products/literary studies as a process towards a final presentation. Assessment is an ongoing process; all work is part of the process and counts toward a grade. A final written and oral report demonstrates their ability to write, edit, and revise in Spanish. **Prerequisite:** Spanish V |

| French I | 1 Credit |
| Course No: | 5231 |
| French I is designed to develop listening, speaking, reading, and writing skills. This course emphasizes grammar, culture, communication, learning strategies, and technology. Students learn to use language meaningfully and begin to develop the facility to communicate in French. **Prerequisite:** None |

| French II | 1 Credit |
| Course No: | 5233 |
| French II reviews and further develops communication skills taught in French I by using language, grammar, culture, technology, and reading skills. This course gives emphasis to the process of speaking, reading, and writing. The reading selections are taken from a variety of sources including authentic documents, i.e., letters, newspapers, magazines, stories, dramas, novels, and poetry. Students gain knowledge in order to understand cultural practices. Students practice all forms of writing. An on-going effort is made to develop the student’s ability to express ideas to think in French. **Prerequisite:** French II |
French III Pre-AP  1 Credit
Course No:  5236
French III Pre-AP is designed to provide students opportunities to reach intermediate proficiency in the skills of listening, speaking, reading, and writing. This course allows students to prepare for the Advanced Placement Language and Culture Examination by using critical thinking skills that focus on the development of comprehension of French literature and expository composition. Readings include excerpts from French literature as well as current magazine and newspaper articles. Students write compositions of 100-150 words with accuracy. This course also expands awareness, understanding, and appreciation of the other cultures. French III Pre-AP reinforces reading and writing. **Prerequisite:** French II

French IV AP LANGUAGE & CULTURE  1 Credit
Course No:  5237
French IV AP Language is a continuation of the study of French equivalent to third year college level, with an emphasis on preparing students for the College Board Advanced Placement Language and Culture Examination. Students may receive college credit after successfully passing the Advanced Placement Language and Culture Exam. This course encompasses aural/oral skills, reading comprehension, grammar, and composition. Students acquire accuracy in verb forms, and increase speaking, and writing skills. Students will write timed compositions of 150-200 words with a high degree of verbal and structural accuracy. This course is designed to promote proficiency in French and enable the student to explore culture in contemporary and historical contexts. **Prerequisite:** French III

French V AP LIT  1 Credit
Course No:  5238
French V AP is a continuation of the study of French equivalent to third year college level. Students may receive college credit after successfully passing the Advanced Placement Literature Exam. This course is conducted entirely in French and uses high-level critical-thinking skills that develop proficiency in listening, speaking, reading, and writing with an emphasis on reading. The student is exposed to a variety of genre, themes, style, length, and varying degrees of difficulty in reading. The advanced learner reads and comprehends selected authors' prose and poetry. Students synthesize themes and cite sources read. The student must compose essays of 250 words in length. **Prerequisite:** French IV

French VI
Independent Study  1 Credit
Course No:  5239
French VI is an advanced measure and independent study course designed to facilitate the production of original literature study. Students, with the guidance of their teacher, build a portfolio of products/literary studies as a process towards a final presentation. Assessment is an ongoing process; all work is part of the process and counts toward a grade. Final written and oral report demonstrates their ability to write, edit, and revise in French. **Prerequisite:** French V

German I  1 Credit
Course No:  5251
German I develops listening, speaking, reading, and writing skills. This course emphasizes grammar, culture, communication, learning strategies, and technology. Students learn to use language meaningfully and begin to develop the facility to communicate in German. Students interpret the possible influences of the historical and cultural context on literary selections. **Prerequisite:** None

German II  1 Credit
Course No:  5253
German II reviews and further develops communication skills taught in German I by using language, grammar, culture, technology, and reading skills. This course gives emphasis to the process of speaking, reading, and writing. The reading selections are taken from a variety of sources including authentic documents, i.e., letters, newspapers, magazines, stories, dramas, novels, and poetry. Students gain knowledge in order to understand cultural practices. Students practice all forms of writing. An on-going effort is made to develop the student's ability to express ideas to think in German. **Prerequisite:** German I

German III  1 Credit
Course No:  5255
German III Pre-AP is designed to provide students opportunities to reach intermediate proficiency in the skills of listening, speaking, reading, and writing. This course allows students to prepare for the Advanced Placement Language Examination by using critical thinking skills that focus on the development of comprehension of German literature and expository composition. Readings include excerpts from German literature as well as current magazine and newspaper articles. Students write compositions of 100-150 words with accuracy. This course also expands awareness, understanding, and appreciation of the other cultures. German III Pre-AP reinforces reading and writing. **Prerequisite:** German II

German IV AP LANGUAGE & CULTURE  1 Credit
Course No:  5257
German IV AP Language is a continuation of the study of German equivalent to third year college level, with an emphasis on preparing students for the College Board Advanced Placement Language and Culture Examination. Students may receive college credit after successfully passing the Advanced Placement Language and Culture Exam. This course encompasses aural/oral skills, reading comprehension, grammar, and composition. Students will write timed compositions with a high degree of verbal and structural accuracy. This course is designed to promote proficiency in German and enable the student to explore culture in contemporary and historical contexts. **Prerequisite:** German III

German V  1 Credit
Course No:  5258
German V is a continuation of the study of German at the third year college level with an emphasis on Literature. This course uses high-level critical-thinking skills that develop proficiency in reading. The skills of listening, speaking, and writing reinforce the skill of reading. The student is exposed to a variety of genres, themes, style length, and degree of difficulty in reading. The advanced learner reads and comprehends authentic texts of prose and poetry of selected authors. The student must write essays of 100 words in length written in 40 minutes. **Prerequisite:** German IV

German VI  1 Credit
Course No:  5259
German VI is an advanced measure and independent study course designed to facilitate the production of original literature study. Students, with the guidance of their teacher, build a portfolio of products/literary studies as a process towards a final presentation. Assessment is an ongoing process; all work is part of the process and counts toward a grade. Final written and oral report demonstrates their ability to write, edit, and revise in German. **Prerequisite:** German V
Languages Other Than English

Japanese I 1 Credit
Course No: 5271
Japanese I develops listening, speaking, reading, and writing skills. This course emphasizes grammar, culture, communication, learning strategies, and technology. Students learn to use language meaningfully and begin to develop the facility to communicate in Japanese. Students demonstrate and understanding of the practices, perspectives, and products of the Japanese culture.
Prerequisite: None

Japanese II 1 Credit
Course No: 5272
Japanese II reviews and further develops communication skills taught in Japanese I by using language, grammar, culture, technology, and reading skills. This course gives emphasis to the process of speaking, reading, and writing. Students gain knowledge in order to understand cultural practices. Students practice all forms of writing. An on-going effort is made to develop the student’s ability to express ideas to think in Japanese.
Prerequisite: Japanese I

Japanese III 1 Credit
Course No: 5273
Japanese III is designed to provide students opportunities to reach intermediate proficiency in the skills of listening, speaking, reading, and writing. Students use critical thinking skills that focus on the development of comprehension of Japanese literature and expository composition. Readings include excerpts from Japanese literature as well as current magazine and newspaper articles. Students write compositions of 100 words with accuracy. This course also expands awareness, understanding, and appreciation of the other cultures. Japanese III reinforces reading and writing.
Prerequisite: Japanese II

Japanese IV 1 Credit
Course No: 5274
Japanese IV is a continuation of the study of Japanese. This course uses high-level critical-thinking skills that develop proficiency in listening, speaking, reading, and writing. The advanced learner will read and summarize authentic text of selected authors. The reading selections are taken from a variety of sources including authentic documents, i.e. letters, newspapers, magazines, stories, dramas, novels, and poetry. This course encompasses aural /oral skills, reading, comprehension, grammar, and composition. Students will write compositions of 100-150 words with a high degree of verbal and structural accuracy.
Prerequisite: Japanese III

Japanese V 1 Credit
Course No: 5275
Japanese V is a continuation of the study of Japanese. This course uses high-level critical-thinking skills that develop proficiency in listening, speaking, reading, and writing. This course emphasizes reading. The student is exposed to a variety of genre, themes, styles, length, and degree of difficulty in reading. The advanced learner reads and comprehends authentic texts of prose and poetry of selected authors.
Prerequisite: Japanese IV

Japanese VI 1 Credit
Course No: 5276
Japanese VI is an advanced measure and independent study course designed to facilitate the production of original literature study. Students, with the guidance of their teacher, build a portfolio of products/literary studies as a process towards a final presentation. Assessment is an ongoing process; all work is part of the process and counts toward a grade. Final written and oral report demonstrates their ability to write, edit, and revise in Japanese. Prerequisite: Japanese V

Russian I 1 Credit
Course No: 5281
As part of the INTERNATIONAL STUDIES SCHOOLS NETWORK, Russian I students will investigate the world, recognize perspectives, communicate ideas and take action. Students read, write, understand and speak Russian from the very first day. They also develop a clear picture of Russian as a language critical to the national security of the United States. Students begin to interpret cultural influences of the Russian language and appreciate Russian history and culture.
Prerequisite: None

Russian II 1 Credit
Course No: 5282
Russian II students continue to will investigate the world, recognize perspectives, communicate ideas and take action as part of the INTERNATIONAL STUDIES SCHOOLS NETWORK. They deepen their understanding of the importance of Russian in the 21st-century and improve their overall proficiency. Students analyze and evaluate Russian culture and history and develop their ability to express ideas and think in Russian.
Prerequisite: Russian I

Russian III 1 Credit
Course No: 5283
Russian III is an intermediate course in Russian language which emphasizes reading, writing, listening and speaking to develop all-around proficiency. As part of the INTERNATIONAL STUDIES SCHOOLS NETWORK, these intermediate students further investigate the world, recognize perspectives, communicate ideas and take action. They continue to appreciate Russian language, history and culture through research and action projects, deepening their global perspective and improving their global competence.
Prerequisite: Russian II

Russian IV 1 Credit
Course No: 5284
INTERNATIONAL STUDIES SCHOOLS NETWORK students in Russian IV use high-level critical thinking skills to investigate the world, recognize perspectives, communicate ideas and take action. They read, write, listen and speak Russian with the ACTFL Intermediate proficiency level as their goal. Students analyze and evaluate their knowledge of Russian language and culture in order to enhance their global competence. Russian IV is a Pre-AP course that introduces students to the Advanced Placement Prototype Examination in Russian Language and Culture and interactive technology plays a vital role in their learning.
Prerequisite: Russian III

Russian V 1 Credit
Course No: 5285
Russian V students investigate the world, recognize perspectives, communicate ideas and take action as part of the INTERNATIONAL STUDIES SCHOOLS NETWORK. They read, write, listen and speak Russian to further develop their communication skills and global awareness. Students make oral presentations and write essays to advance their proficiency. Research and interactive technology enhance the students’ learning.
Prerequisite: Russian IV

Russian VI 1 Credit
Course No: 5286
As part of the INTERNATIONAL STUDIES SCHOOLS NETWORK, Russian VI students will investigate the world, recognize perspectives, communicate ideas and take action. They may demonstrate global awareness and competence through research, presentations, action projects and portfolio assessment.
Prerequisite: Russian V
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<th>Course No.</th>
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**Latin I**

This course is designed to provide students with an introduction to the study of Latin. It covers basic grammar, syntax, and vocabulary. Students will learn to read and understand simple Latin texts, with an emphasis on oral skills. 

**Prerequisite:** Latin IV Pre-AP

**Latin II**

This course reinforces the skills developed in Latin I and introduces more advanced grammar and vocabulary. Students will continue to develop their reading and writing skills in Latin.

**Prerequisite:** Latin II

**Latin III**

This course builds on the skills learned in Latin II and introduces more complex grammar and vocabulary. Students will continue to develop their reading and writing skills in Latin.

**Prerequisite:** Latin III

**Latin IV Pre-AP**

This course is a continuation of the study of Latin. It covers advanced grammar and vocabulary. Students will continue to develop their reading and writing skills in Latin.

**Prerequisite:** Latin III

**Latin V AP Virgil**

This course is a continuation of the study of Latin, with an emphasis on preparing students for the College Board Advanced Placement Latin Examination. Students may receive college credit after successfully passing the Advanced Placement Literature Exam. This course emphasizes reading and uses high-level critical-thinking skills that develop proficiency in listening, speaking, reading and writing. The advanced learner reads and comprehends authentic texts of prose and poetry of selected authors. The student is exposed to a variety of genre, themes, style, length, and degree of difficulty in reading.

**Prerequisite:** Latin IV

**Latin VI Independent Study**

This course is an advanced measure and independent study course designed to facilitate the production of original literature study. Students, with the guidance of their teacher, build a portfolio of products/literary studies as a process towards a final presentation. Assessment is an ongoing process; all work students do is part of the process and counts toward a grade.

**Prerequisite:** Latin V

**Chinese I**

This course continues with engaging stories, games, videos, and multimedia experiences in this introduction to Chinese. Students will learn the alphabet, words, and sentences in sign. They will be able to produce the alphabet, words, and sentences in sign. They will learn to transcribe ASL into standard English, and will learn the connection between deaf culture and communication.

**Prerequisite:** None

**Chinese II**

This course develops listening, speaking, reading, and writing skills. This course emphasizes grammar, culture, communication, learning strategies, and technology. Students learn to use language meaningfully and begin to develop the facility to communicate in Latin. Students interpret the possible influences of the historical and cultural context on literary selections.

**Prerequisite:** None

**American Sign Language (ASL) 1-4**

This course provides opportunities to reach intermediate proficiency in the skills of listening, speaking, reading, and writing. Students use critical thinking skills that focus on the development of comprehension of Latin literature and expository composition. Readings include excerpts from Latin literature as well as current magazine and newspaper articles. Students write compositions of 100 words with accuracy. This course also expands awareness, understanding, and appreciation of the other cultures. Latin III reinforces reading and writing.

**Prerequisite:** Latin II

**Chinese III**

This course uses compelling stories, games, videos, and multimedia experiences in this introduction to Chinese. They learn the elegant simplicity of Chinese grammar and the subtleties of Chinese pronunciation through entertaining lessons that give a base of conversational ability and listening comprehension. Students build a foundation for reading and writing in the Chinese language through an adaptive technology that lets them choose an approach that works best for them. All-new graphics, video, and games keep students engaged, making learning languages exciting. An integrated, game-based reward system keeps learners motivated and eager to progress.

**Prerequisite:** Chinese I

**Chinese IV**

This course gives emphasis to the skills of listening, speaking, reading, and writing. An on-going effort is made to develop the student’s ability to express ideas to think in Latin.

**Prerequisite:** Latin I

**Chinese V**

This course is designed to facilitate the production of original literature study. Students, with the guidance of their teacher, build a portfolio of products/literary studies as a process towards a final presentation. Assessment is an ongoing process; all work students do is part of the process and counts toward a grade.

**Prerequisite:** Chinese IV

**Chinese VI**

This course expands awareness, understanding, and appreciation of the historical and cultural context on literary selections. This course encompasses aural/oral skills, reading, comprehension, grammar, and composition. Students will write compositions of 100-150 words with a high degree of verbal and structural accuracy.

**Prerequisite:** Chinese V

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**Languages Other Than English**

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**Students failing EOC exams may be placed in reading classes rather than electives in order to improve their reading and writing skills.**
Fine Arts

Art I 1 Credit
Course No: 6411
This course lays the basic foundation for learning art processes, procedures, theories, history, and art judgment. The approach is experimental in use of materials (drawing, painting, printmaking, fibers, ceramics, sculpture, jewelry, and photography/filmmaking) but structured to provide students with a strong foundation in design, drawing, and vocabulary. Prerequisite: None

Art II Painting 1 Credit
Course No: 6412
Art elements and principles are used to strengthen concepts of design and technical skills in painting. Students experiment with a variety of techniques and materials including tempera, synthetic media, watercolor, latex, and enamels on various surfaces such as cardboard, poster board, Masonite, canvas, and cloth. Prerequisite: Art I

Art II Sculpture 1 Credit
Course No: 6417
Students study design elements and principles through composition, abstraction, and expression in drawing. They also study gesture, contour, and volume. They explore use of papers, cardboards, and fabric in combination with charcoal, pastels, pen and ink, brushes, felt tips, and mixed media. Prerequisite: Art I

Art II Ceramics 1 Credit
Course No: 6418
Students apply ceramic art elements and principles through different methods and materials. They explore methods such as wheel throwing, slab, coil, and pinch; separately and in combination. Students produce functional and experimental two-and three-dimensional clay forms. They explore surface treatments such as stamping, scraping, glazing, underglazing, staining, painting, and firing. Prerequisite: Art I

Art II Photography 1 Credit
Course No: 6419
Students use natural and human-made materials such as metals, wood, clay, papier-mâché, Plexiglas in casting, and carving, separately and in combination. They explore positive-negative space, perusal adornment, function, experimental shapes, and individual techniques. Prerequisite: Art I

Art III Drawing 1 Credit
Course No: 6421
Students use art elements and principles to develop skills and sensitivity in a variety of methods and techniques. They increase awareness of composition with abstract, non-objective, and realistic renderings. Students will use many drawing materials and tools with emphasis on perfecting individual approaches to drawing. Prerequisite: Art II Drawing

Art III Painting 1 Credit
Course No: 6422
Students strengthen their concepts of design and continue experimental painting in both two and three dimensions. They experiment and explore techniques, media, and surfaces and discover which painting media best describes individual intentions. Prerequisite: Art II Ceramics

Art III Ceramics 1 Credit
Course No: 6425
Students use a variety of natural and synthetic materials including mixed media. They combine three-dimensional forms with two-dimensional forms. Prerequisite: Art II Ceramics

Art III Sculpture 1 Credit
Course No: 6427
Students develop design skills that emphasize form and space in student/teacher choice of techniques. They explore massive form materials such as plaster, concrete, salt block, vermiculite, metal and wood. Prerequisite: Art II Sculpture

AP Art Drawing 1 Credit
Course No: 6431
Students in AP Art will develop a drawing portfolio. This course is designated for the talented art student who wishes to pursue college-level studies in art. The course is rigorous and requires 25-35 high-quality pieces by the end of the year. Prerequisite: Art II Drawing

AP Art History 1 Credit
Course No: 6432
This introductory art history course provides an opportunity to understand and enjoy architecture, sculpture, painting, and other art forms within historical and cultural contexts. Students will examine the major forms of artistic expression of the past and present in a variety of cultures. Although no prior experience is needed, the course does require a high degree of commitment to academic work to meet college standards. Prerequisite: None

AP Studio Art 2D 1 Credit
Course No: 6435
Students develop a portfolio addressing a broad interpretation of drawing issues and media. Purposeful decision-making about how to use the elements and principles of art in an integrative way to demonstrate mastery of 2-D is required. Mediums and processes could include graphic design, digital images, photography collage, fabric design, weaving, illustration, painting, and printmaking. The portfolio is submitted to the College Board at the conclusion of the course for grading to determine eligibility of award for college credit. Prerequisite: Art I

AP Art 3D 1 Credit
Course No: 6436
Students develop a portfolio of work that includes interpretation of sculptural issues in depth and space through additive, subtractive, and/or fabrication processes. Proficiency in three-dimensional design must be shown in one or more of the following categories: traditional sculpture, architectural models, apparel, ceramics, fiber arts, and metal work. Works will include a variety of approaches to representation, abstraction, and expression. Prerequisite: Art III Sculpture/Ceramics

Theatre Arts I 1 Credit
Course No: 6441
Theatre Arts I is an overview of the theatre arts, which includes: voice, stage movement, improvisation, pantomime, theatre history, theatrical terminology, basic acting techniques, and an introduction to technical theatre. Prerequisite: None

Theatre Arts II 1 Credit
Course No: 6442
This course emphasizes expressive use of the body and voice, basic acting techniques, stage movement, improvisation, pantomime, theatre history, theatrical terminology, and analysis and interpretation of scripts and characters. Prerequisite: Theatre Arts I

Theatre Arts III 1 Credit
Course No: 6443
Prerequisite: Theatre Arts II
This course explores additional higher-level acting concepts and skills through advanced characterization, classical production style, and career education. Prerequisite: Theatre Arts II

Theatre Arts IV 1 Credit
Course No: 6444
Prerequisite: Theatre Arts III
Theatre Arts IV continues advancement of higher level theatrical concepts and skills, including mime, dance, drama, theatre for children, musical theatre, radio, television, film and directing. Prerequisite: Theatre Arts III

Fine Arts
Theatre Production I 1 Credit
Course No: 6451
This course focuses on all aspects of theatrical production: acting concepts and skills, production concepts and skills, and aesthetic growth through appreciation of theatrical events. Students will share in the theater experience by working in the various areas associated with overall production. Attendance at rehearsals and performances outside school hours is required. Prerequisite: Theatre Arts I
### Theatre Production I
**Course No:** 6451  
This course focuses on all aspects of theatrical production: acting concepts and skills, production concepts and skills, and aesthetic growth through appreciation of theatrical events. Students will share in theater experience by working in the various areas associated with overall production. Attendance at rehearsals and performances outside school hours is required. **Prerequisite:** Theatre Production I

### Theatre Production II
**Course No:** 6452  
This course focuses on all aspects of theatrical production: acting concepts and skills, production concepts and skills, and aesthetic growth through appreciation of theatrical events. Students will share in the theater experience by working in the various areas associated with overall production. Involvement in co-curricular production activities is an integral and essential requirement of theatre production. **Prerequisite:** Theatre Production II

### Technical Theatre I
**Course No:** 6461  
This course includes an overview of technical theatre and the beginning a study of construction and operation of scenery, properties, lighting instruments, make up, sound, and public relations programs. **Prerequisite:** None

### Technical Theatre II
**Course No:** 6462  
This course includes more exploration of technical theatre, including makeup, costume research, and design. **Prerequisite:** Technical Theatre I

### Tech Theatre III
**Course No:** 6463  
**Prerequisite:** Technical Theatre II  
Students have the opportunity to select and specialize in one or more of the following areas: scenery, properties, lighting, sound, makeup, and public relations. Attendance at rehearsals and performances outside school hours is required. **Prerequisite:** Technical Theatre II

### Tech Theatre IV
**Course No:** 6464  
**Prerequisite:** Technical Theatre III  
Students have the opportunity to serve in leadership positions on technical crews and to apply the creative process through design and practical application of those desires. Attendance at rehearsals and performances outside school hours is required. **Prerequisite:** Technical Theatre III

### Principles of Dance I
**Course No:** 6611  
This is an introductory foundational course focusing on technical development, vocabulary, general principles, and basic skill movement for dance. Styles studied include ballet, jazz, tap, ethnic/folk, and modern dance. Students will have the opportunity to choreograph and present a dance routine using basic movements. **Prerequisite:** None

### Principles of Dance II
**Course No:** 6612  
Students continue development of dance technique and skills in various genres of dance studied during Dance I. Students learn folk dances that reflect the cultural-historical background of different nationalities that have contributed to our American heritage. Opportunities will be presented for students to choreograph and present dance routines using genre specific dance movements. **Prerequisite:** Principles of Dance I

### Principles of Dance III
**Course No:** 6613  
Students will continue studies in various dance genres while application of technique, skills, and various dance forms learned in Dance I and II are utilized. Students will work cooperatively with others through various group compositions and choreographic presentations. **Prerequisite:** Principles of Dance II

### Principles of Dance IV
**Course No:** 6614  
Students will continue studies in various dance genres while application of technique, skills, and various dance forms learned in Dance I, II, and III are utilized. Class focus is on development of artistic and aesthetic growth through kinesthetic perception of form, line, movement, and rhythm. Students will be given the opportunity to develop the ability to communicate ideas through choreographed compositions. **Prerequisite:** Principles of Dance III

### Dance and Media Communications I, II
**Course No:** 6615 (I), 6616 (II)  
Students will study dance history, dance technique, and choreography along with media literacy and technology applications. Traditional dance studies will be balanced with contemporary practices in current technology and digital media, including animation, digital images, multimedia presentations, digital video, websites, and interactive performances. Additionally, dance and choreography as a means of addressing social issues and as means of effecting change will be addressed. **Prerequisite:** None

### Choir I
**Course No:** 6621  
Students will study basic vocal and choral techniques including tone production, breath control, vowel shape, consonant articulation, balance, blend, and artistic interpretation of a variety of musical styles and genres. Music theory and sight singing are also studied. Performance opportunities are provided through participation in a variety of concerts, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required. **Prerequisite:** None

### Choir II
**Course No:** 6622  
Students will continue studies in vocal and choral techniques including tone production, breath control, vowel shape, consonant articulation, balance, blend, artistic interpretation of a variety of musical styles and genres, music theory and sight singing. Performance opportunities are provided through participation in a variety of concerts, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required. **Prerequisite:** Choir I, with placement by Director Audition

### Choir III
**Course No:** 6623  
Students will continue studies in vocal and choral techniques including tone production, breath control, vowel shape, consonant articulation, balance, blend, artistic interpretation of a variety of musical styles and genres, music theory and sight singing. Performance opportunities are provided through participation in a variety of concerts, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required. **Prerequisite:** Choir II, with placement by Director Audition

### Choir IV
**Course No:** 6624  
**Prerequisite:** Choir III, Placement by Audition  
Students will continue studies in vocal and choral techniques including tone production, breath control, vowel shape, consonant articulation, balance, blend, artistic interpretation of a variety of musical styles and genres, music theory and sight singing. Performance opportunities are provided through participation in a variety of concerts, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required. **Prerequisite:** Choir III, with placement by Director Audition
Fine Arts

Vocal Ensemble I, II, III, IV  1 Credit
Course No:  6631 (I), 6632 (II), 6633 (III), 6634 (IV)
This select ensemble will perform advanced ensemble music such as jazz, contemporary music and madrigal styles. Choreography could be a part of the repertoire. This is a specialized group of singers/performers who learn and perform music outside of the Choir II, III, and IV repertoire. Attendance at rehearsals and performances outside school hours is required. Prerequisite: Placement by Audition with Director

Music Theory I  1 Credit
Course No:  6641
Students will study the vocabulary and terminology of notation, ear training, sight singing, rhythmic harmonic and melodic dictation, part writing, chord progressions, and form analysis. Students enrolled in this course should have access to a keyboard instrument for practice and assignments. Prerequisite: None, although prior training in reading music is helpful

Music Theory II  1 Credit
Course No:  6642
This course is a more in-depth study of the elements of music including notation, ear training, sight singing, rhythmic harmonic and melodic dictation, part writing, chord progressions, and form analysis. Students enrolled in this course should have access to a keyboard instrument for practice and assignments. Prerequisite: Music Theory I

Applied Music I  1 Credit
Course No:  6643
Credit is awarded for private music study outside of school hours and off campus when administered according to the plan described in Bulletin GEO 62105 of T.E.A. The student must also be enrolled concurrently in a music course offered by the school. The private teacher must cover all of the Texas Essential Knowledge and Skills (TEKS) in the course of study. The Band, Choral, or Orchestra Director shall be the Teacher of Record and will verify the quality of the work. Prerequisite: Band, Choir, or Orchestra I, II, or III

Applied Music II Pre-AP  1 Credit
Course No:  6644
Credit is awarded for private music study outside of school hours and off campus when administered according to the plan described in Bulletin GEO 62105 of T.E.A. The student must also be enrolled concurrently in a music course offered by the school. The private teacher must cover all of the Texas Essential Knowledge and Skills (TEKS) in the course of study. The Band, Choral, or Orchestra Director shall be the Teacher of Record and will verify the quality of the work. Prerequisite: Applied Music I Prerequisite: Applied

Jazz Band I  1 Credit
Course No:  6651
Students develop jazz techniques and study jazz literature. Wind and percussion players must be enrolled in a regular band class. Guitar, electric bass, and keyboard players need not be enrolled in a regular band or orchestra. Attendance at rehearsals and performances outside school hours is required. Prerequisite: Placement by Audition with Director

Jazz Band II  1 Credit
Course No:  6652
Students develop jazz techniques and study jazz literature. Wind and percussion players must be enrolled in a regular band class. Guitar, electric bass, and keyboard players need not be enrolled in a regular band or orchestra. Attendance at rehearsals and performances outside school hours is required. Prerequisite: Jazz Band I, Placement by Audition with Director

Jazz Band III  1 Credit
Course No:  6653
Student develops jazz techniques and study jazz literature. Wind and percussion players must be enrolled in a regular band class. (Guitar, electric bass, and keyboard players need not be enrolled in a regular band or orchestra.) Attendance at rehearsals and performances outside school hours is required. Prerequisite: Jazz Band II, Placement by Audition with Director

Jazz Band IV  1 Credit
Course No:  6654
Students develop jazz techniques and study jazz literature. Wind and percussion players must be enrolled in a regular band class. (Guitar, electric bass, and keyboard players need not be enrolled in a regular band or orchestra.) Attendance at rehearsals and performances outside school hours is required. Prerequisite: Jazz Band III, Placement by Audition with Director

Instrumental Ensemble I, II, III, IV  1 Credit
Course No:  6661 (I), 6662 (II), 6663 (III), 6664 (IV)
Students study the specialized technical problems of performance techniques for brass, woodwind, percussion, or stringed instruments. Wind and percussion players must be enrolled in a regular band class, and string players must be enrolled in a regular orchestra class. Attendance at rehearsals and performances outside school hours is required. Prerequisite: Placement by Audition with Director

Mariachi I  1 Credit
Course No:  6811
Students study Mariachi instrumental and vocal techniques, while developing performance skills. Mariachi literature is studied and learned. Students may have the opportunity to perform in a variety of events including concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert Contest. Attendance at rehearsals and performances outside school hours is required. Prerequisite: Mariachi I

Mariachi II  1 Credit
Course No:  6812
Students continue the study of Mariachi instrumental and vocal techniques, while developing performance skills. Mariachi literature is studied and learned. Students may have the opportunity to perform in a variety of events including concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert Contest. Attendance at rehearsals and performances outside school hours is required. Prerequisite: Mariachi I

Mariachi III  1 Credit
Course No:  6813
Students continue the study of Mariachi instrumental and vocal techniques, while developing performance skills. Mariachi literature is studied and learned. Students may have the opportunity to perform in a variety of events including concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert Contest. Attendance at rehearsals and performances outside school hours is required. Prerequisite: Mariachi II

Mariachi IV  1 Credit
Course No:  6814
Students continue the study of Mariachi instrumental and vocal techniques, while developing performance skills. Mariachi literature is studied and learned. Students may have the opportunity to perform in a variety of events including concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert Contest. Attendance at rehearsals and performances outside school hours is required. Prerequisite: Mariachi III

Orchestra I  1 Credit
Course No:  6671
Students study musical string techniques, while developing performance skills. Orchestra literature is studied and learned. Students may have the opportunity to perform in a variety of events including concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required. Prerequisite: Mariachi III

Orchestra II  1 Credit
Course No:  6672
Students continue the study of musical string techniques, while developing performance skills. Orchestra literature is studied and learned. Students may have the opportunity to perform in a variety of events including concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required. Prerequisite: Orchestra I, and Audition with the Director

Music I
Orchestra III 1 Credit
Course No: 6673
Students continue the study of musical string techniques, while developing performance skills. Orchestra literature is studied and learned. Students may have the opportunity to perform in a variety of events including concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required.
Prerequisite: Orchestra II, and Audition with the Director

Orchestra IV 1 Credit
Course No: 6674
Students continue the study of musical string techniques, while developing performance skills. Orchestra literature is studied and learned. Students may have the opportunity to perform in a variety of events including concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required.
Prerequisite: Orchestra III, and Audition with the Director

Band I 1 Credit
Course No: 6681
Students study musical brass, woodwind, and percussion techniques, while developing performance skills. Band literature is studied and learned. Students may have the opportunity to perform in a variety of ways including marching events, concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required. (Marching Band during the fall semester can be a substitute for P.E.). Prerequisite: Audition with the Director

Band II 1 Credit
Course No: 6682
Students continue the study of musical brass, woodwind, and percussion techniques, while developing performance skills. Band literature is studied and learned. Students may have the opportunity to perform in a variety of ways including marching events, concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required. (Marching Band during fall semester can be a substitute for P.E.). Prerequisite: Band I, and Audition with the Director

Band III 1 Credit
Course No: 6683
Students continue the study of musical brass, woodwind, and percussion techniques, while developing performance skills. Band literature is studied and learned. Students may have the opportunity to perform in a variety of ways including marching events, concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required. (Marching Band during fall semester can be a substitute for P.E.). Prerequisite: Band II, and Audition with the Director

Band IV 1 Credit
Course No: 6684
Students continue the study of musical brass, woodwind, and percussion techniques, while developing performance skills. Band literature is studied and learned. Students may have the opportunity to perform in a variety of ways including marching events, concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required. (Marching Band during fall semester can be a substitute for P.E.). Prerequisite: Band III, and Audition with the Director

Music Theory AP 1 Credit
Course No: 6695
Students will be required to master fundamentals and vocabulary of music involving musical notation, ear training, sight singing, harmonic and melodic dictation, chord progressions, and form analysis. Students enrolled in this course should have access to a keyboard instrument for practice and assignments. Prerequisite: Music Theory II

Music Production Level I 1 Credit
Course No: 6690
Students will study ways and means of producing sound, learn to manipulate and blend sound, and compose original music using digital technology. To accomplish this, they will study musical construction and composition, a variety of musical styles, the physics of sound, principles of tonal synthesis, and MIDI applications. Prerequisites: Students must (1) be in grades 10-12. (2) Read musical notation at basic level, (3) Possess math skills at the algebra I level, and (4) have some experience working with computers and peripherals. Piano keyboard experience is very helpful.

Music Production Level II 1 Credit
Course No: 6691
Students will continue their studies in creating original music using digital technology. Additionally, they will add the study of sound recording technology, including multi-track recording techniques and techniques of sound layering. Prerequisites: Music Production I

Spirit Group – Cheerleading
Course No: 8141, 8142, 8143, 8144
Membership is based on student auditions. The functions of Spirit Organizations are to promote school spirit, provide service, represent the school, and perform in a variety of formats and venues. Cheerleaders are involved in summer camps, pep rallies, games/athletic events, competitions, and other designated activities. Attendance at rehearsals and performances outside of the school day is required. Prerequisite: Pep Squad or Equivalent

Spirit Group – Dance Ensemble
Course No: 8151, 8152, 8153, 8154
Membership is based on student auditions. The functions of Spirit Organizations are to promote school spirit, provide service, represent the school, and perform in a variety of formats and venues. Dance/Drill Team members are involved in summer camps, pep rallies, games/athletic events, competitions, and other designated activities. Attendance at rehearsals and performances outside of the school day is required. Prerequisite: Pep Squad or Equivalent

Spirit Group – Pep Squad
Course No: 8151, 8152, 8153, 8154
Pep Squad is the foundational/entry level Spirit Organization, and serves as the preparatory class and prerequisite for both Cheerleading and Dance/Drill Team. Pep Squad members promote school spirit, provide service, represent the school, and perform in a variety of formats and venues. Pep Squad performs at designated events, and may participate in summer camps, clinics, pep rallies, games, competitions, and other designated activities. Attendance at rehearsals and performances outside of the school day are required. Prerequisite: Director Approval

Students failing EOC exams may be placed in reading classes rather than electives in order to improve their reading and writing skills.
Mission of Army JROTC

Mission: "To motivate young people to be better citizens"

Vision: The JROTC experience will provide a quality citizenship, character, and leadership development program, while fostering partnerships with communities and educational institutions.

Values: Character, Personal Social Responsibility, Student Achievement, Fitness, Leadership, Teamwork, Selfless Service to the Community and Others, American Heritage and History.

Cadet expectations: Develop good citizenship, leadership skills, communication skills, improve physical fitness, live drug-free, strengthen positive self-motivation, work as a team member, wear and respect the uniform, participate in extracurricular activities with the corps of cadets, be part of at least one Army JROTC Team, develop a historical perspective of the military services, graduate from high school.

ROTC I

Course No: 8420
½ Credit
This course is designed to teach high school students the value of citizenship, leadership, service to the community, personal responsibility, and a sense of accomplishment, while instilling self-esteem, teamwork, and self-discipline.

ROTC I

Course No: 8441
1 Credit
Topics to be covered include: American citizenship and Army JROTC; technical communication (oral and written); leadership traits, principles and styles; leadership lab (drill and uniform wear); first aid and health; map reading; and an overview of American history.

ROTC II

Course No: 8442
1 Credit
This course continues the study of American citizenship, communication, assumption of leadership positions, first aid and hygiene, drug awareness and prevention and map reading. Additional emphasis is placed on career opportunities, the role of the U.S. Army, American military history and technology awareness. Prerequisite: ROTC I

ROTC III

Course No: 8443
1 Credit
This course is an extension of ROTC II, and places the student in higher leadership echelon with increased responsibility and authority. The course continues to reinforce all previous instruction of leadership and citizenship. Leadership training includes managerial techniques; aspects of mutual leader/subordinate respect; building teamwork and team spirit. Prerequisite: ROTC II

ROTC IV

Course No: 8444
1 Credit
This course is a continuation of culmination of all previous leadership training, and places students in the highest leadership positions of the cadet organization. Practical hands-on training is emphasized and includes assuming command; planning, organizing and delegating responsibilities and developing systems of rewards/corrective actions; counseling, and building/nourishing teamwork. Prerequisite: ROTC III

Students failing EOC exams may be placed in reading classes rather than electives in order to improve their reading and writing skills.
Health and Physical Education

Health (11th-12th grade students only) ½ Credit  
Course No.: 8211
Health has been eliminated for 9th-10th grade students. It is a local high school credit required course for students in 11th-12th grade, as part of their local high school graduation plan. It includes Parenting and Paternity Awareness (P.A.P.A), First Aid, CPR, sexuality education, the study of the human body systems and the affects of: drug abuse, diseases, nutrition, and exercise.

Comprehensive Wellness ½ Credit  
Course No.: 8215
This course teaches that resilience, wellness, and self-care promote healthy minds and bodies. It provides students with essential knowledge and skills to improve attitudes, beliefs and behaviors to help students make a conscious decision toward a lifetime of health and wellness.  
Prerequisite: None

Foundations of Personal Fitness ½ Credit  
Course No.: 8213
The basic purpose of this course is to motivate students to strive for lifelong 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.  
Prerequisite: None

Team Sports/Individual Sports 1 Credit  
Course No.: 8214
The purpose of this course is to enable students to acquire basic knowledge of team/individual sports play, sportsmanship, develop skills, and improve health-related fitness.  
Prerequisite: Foundations of Personal Fitness Course # 8213

Aerobic Activity I-Dance ½ Credit  
Course No.: 8216
Students enrolled in this course are expected to design personal fitness programs that use aerobic activities as a foundation for a physically active lifestyle. Students learn a level of competency in two or more aerobic dance, jogging, power walking, recreational dance, and step aerobics.  
Prerequisite: Foundations of Personal Fitness Course # 8213

Aerobic Activity I-A ½ Credit  
Course No.: 8217
Students enrolled in this course are expected to design personal fitness programs that use aerobic activities as a foundation for a physically active lifestyle. Students learn a level of competency in two or more aerobic dance, jogging, power walking, recreational dance, and step aerobics.  
Prerequisite: Foundations of Personal Fitness Course # 8213

Adventure/Outdoors ½ Credits  
Course No.: 8218
Students enrolled in this course are expected to develop competency in outdoor education activities that provide opportunities for employment and challenge. Students learn a level of competency in two or more outdoor education activities such as hiking, orienteering, camping, and safety.  
Prerequisite: Foundations of Personal Fitness Course # 8213

PE Equivalent – Athletics

<table>
<thead>
<tr>
<th>Team Sports</th>
<th>Course #</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Football</td>
<td>8301-8304</td>
<td>4</td>
</tr>
<tr>
<td>Volleyball</td>
<td>8311-8314</td>
<td>4</td>
</tr>
<tr>
<td>Basketball</td>
<td>8321-8324</td>
<td>4</td>
</tr>
<tr>
<td>Soccer</td>
<td>8331-8334</td>
<td>4</td>
</tr>
<tr>
<td>Softball</td>
<td>8341-8344</td>
<td>4</td>
</tr>
<tr>
<td>Baseball</td>
<td>8351-8354</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Individual Sports</th>
<th>Course #</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Track</td>
<td>8361-8364</td>
<td>1-4</td>
</tr>
<tr>
<td>Tennis</td>
<td>8371-8374</td>
<td>1-4</td>
</tr>
<tr>
<td>Golf</td>
<td>8381-8384</td>
<td>1-4</td>
</tr>
<tr>
<td>Swimming</td>
<td>8391-8394</td>
<td>1-4</td>
</tr>
</tbody>
</table>

Prerequisite: Membership by tryout process
Students enrolled in these courses are expected to develop health-related fitness and an appreciation for teamwork and fair play. Students learn specific related skills and participate in a variety of team sports. This course counts as a PE equivalent.

PE Equivalent – Cheerleading  
Prerequisite: Foundations of Personal Fitness Course # 8213
Cheerleading will emphasize curricular and extracurricular activities by promoting school spirit. Cheerleaders are involved in summer camps, pep rallies, games, and competitions. This course counts as a PE equivalent.

<table>
<thead>
<tr>
<th>Individual Sports</th>
<th>Course #</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cheerleading I</td>
<td>8141</td>
<td>1</td>
</tr>
<tr>
<td>Cheerleading II</td>
<td>8142</td>
<td>1</td>
</tr>
<tr>
<td>Cheerleading III</td>
<td>8143</td>
<td>1</td>
</tr>
<tr>
<td>Cheerleading IV</td>
<td>8144</td>
<td>1</td>
</tr>
</tbody>
</table>

Physical Education Waiver Courses

Physical activity courses allowable for waiver of the 1 required credits of physical education are as follows:
- Athletics
- Marching Band (fall semester only)
- ROTC
- Cheerleading
- Drill Team

PE 3: PE for the Mind, Body, and Spirit ½ Credit  
Course No.: 8219
This course will provide students with additional support to reach their Healthy Fitness Zone in the Fitnessgram, especially in the area of Body Mass Index (BMI). The course is designed to work with each individual in the context of their life — physically, nutritionally, socially, and psychologically. Instructional activities include: cardiovascular aerobic movements such as Zumba, fitness circuits, running/walking, spinning class; core strength development through yoga and stretching; nutritional education; and family support. Each student will be prescreened and monitored throughout the semester.  
Prerequisite: 1 Credit (Year) of PE

Students failing EOC exams may be placed in reading classes rather than electives in order to improve their reading and writing skills.
**Mission Statement**

The mission of the San Antonio Independent School District Career and Technology Department is to educate all students to meet the challenges of the 21st Century by integrating academic, professional, and technical standards.

**Dual Credit Programs**

*Alamo Area Academies*

**St. Philip's College Southwest Campus**

Juniors interested in exploring opportunities in Aerospace (AA), Manufacturing Technology (MTA), Information Technology Security (ITSA), Health Professions (HPA) or Heavy Equipment (HEA) may apply during the spring semester of their sophomore year. Applications are available online from the Alamo College website at [www.alamo.edu/academies](http://www.alamo.edu/academies).

All applicants must take the TSI Exam during the spring or summer of their sophomore year. All classes are held at St. Philip’s College Southwest Campus. Transportation is provided daily from each high school to the college. Classes start at 7:30 a.m. daily. Students are returned to their home campus by 10:30 a.m.

Students are eligible to participate in an industry internship during the summer following successful completion of their junior year. Students must provide their own transportation for summer employment. Daily attendance is closely monitored, and students must earn a 75 or above in college courses to earn dual credit. Industry certifications are available in each academy program.

**Phoenix Middle College**

The Phoenix Program is designed to give juniors and seniors the academic and technical skills needed for the 21st century. While in the program, students create and build real-world, hands-on projects; explore technical career opportunities; and participate in on-the-job-training. The Phoenix Program, a San Antonio ISD school of choice, is located at St. Philip’s College Southwest Campus.

The Phoenix Program provides students with the opportunity to earn college credit while still in high school and transfer credit to two-year or four-year college or university programs. Tuition for college classes, required books and tools are provided free of charge while students attend the Phoenix Program.

**Program Requirements for Students:**

- Must be classified as a junior by the beginning of the school year.
- Must take the TSI exam in the Fall and complete the dual credit application package.
- Must be self-motivated, willing to work hard, responsible, focused on career and educational goals and mature enough to take classes with college students.

**NOTE:**

1 Credit Course = 1 period per day  
2 Credit Course = 2 periods per day  
3 Credit Course = 3 periods per day
Career & Technical Education

BUSINESS & INDUSTRY ENDORSEMENT

Principles of Agriculture, Food, & Natural Resources (Burbank/Highlands/Jefferson)
Course No: 7033 1 Credit
If you like plants and animals, you’ll thrive in this “growing field!” A hands-on class that teaches the basics of agriculture and Ag mechanics, including the study of various animal breeds and plant species. Develop leadership and personal skills that will help in the workplace and school.

Agricultural Mechanics and Metal Technologies
Course No: 7028 1 Credit
Whether you live on a farm or in the city, you’ll benefit from a basic understanding of agricultural mechanics and metal technologies. Learn how to safely operate the tools used for electrical wiring, plumbing, carpentry, fencing, concrete, and metal working.

Energy and Natural Resources Technology
Course No: 7012 1 Credit
Flip a light switch or fill a gas tank — energy fuels the world. In this class, students explore rapidly changing technologies for the production of renewable, sustainable and environmentally friendly energy and natural resources.

Horticulture Science
Course No: 7013 1 Credit
Horticulture, including floral design and landscaping, are popular areas of study. Plants and flowers brighten our day, and they are the number one get well gift of choice. Students with green thumbs learn which plant species thrive in different environments, which insects are threats, and what common diseases will kill your plants.

Principles and Elements of Floral Design (Fine Arts credit)
Course No: 7015 1 Credit
Bloom where you’re planted! Floral Design, students learn how to handle and arrange flowers, make corsages, boutonnieres and decorative bouquets. Think homecoming, think Valentines, think career opportunities! Save money, learn a new skill, and earn a fine arts credit.

Wildlife, Fisheries, and Ecology Management
Course No: 7000 ½ Credit
Course No: 7016 1 Credit
Hunting is popular in Texas! In some parts of the state, the game population is as important economically as livestock on farms. If you like to hunt, visit the ocean or explore wildlife in its natural habitat, this is the class for you. Examine the management of game and non-game wildlife species, fish and aquaculture and their ecological impact on current agricultural practices.

Agricultural Facilities Design and Fabrication
Prerequisite: Ag Mech & Metal Tech
Course No: 7017 1 Credit
Course No: 7020 2 Credits
If you enjoyed Ag Mech, then sign up for this course! Students will develop building plans, select site locations, estimate building costs as well as use various meters, survey equipment, electrical systems repair, and safe electrical wiring. Learn how to turn these skills into independent business opportunities and lifetime careers.

Agriculture Power Systems (Burbank Only)
Course No: 7018 1 Credit
Course No: 7021 2 Credits
This course is about power! (Engines, not politicians!) Operate and repair everything from generators to tractors while learning about different energy sources used in agriculture. This is a practical course with a lot of activity in classroom and outdoor settings.

Landscape Design and Turf Grass Management
Course No: 7001 ½ Credit
Course No: 7019 1 Credit
If you plan to own a home with landscaped lawns and gardens, you NEED this class. Learn how to create beautiful landscapes that thrive during our hot, Texas summers and the occasional spring flood. In addition, you’ll learn how to start and manage your own lawn service or landscaping business.

Advanced Animal Science (4th year science)
Course No: 7032 1 Credit
Get serious about animals! Learn the complexities of livestock production and receive a fourth year science credit in the process. Prerequisite: Ag, Food, Natural Resources

Advanced Plant and Soil Science
(4th year science credit)
Course No: 7022 1 Credit
If your favorite part of biology was botany, you will enjoy this class. Not only will you learn how plant and soil science are the basis for many other fields of science, you can also receive a 4th year science credit! Prerequisite: Ag, Food, Natural Resources

Veterinary Medical Applications (Burbank Only)
Course No: 7025 1 Credit
Are you interested in a career as a veterinarian or rancher? Then this is the class for you. Get an up close and personal look at how to feed, bathe, groom, exercise, breed and provide veterinary care for animals. The best part is that you can receive your Veterinary Assistants Certification and get experience working with a local vet while meeting certification requirements.

Advanced Environmental Technology
Course No: 7026 1 Credit
Did you know that more than 14 percent of working Texans are employed in farming, ranching or other agriculture related jobs? But what happens when a farmer plants the same field and product for a decade or lives in a windy area where top soil is easily blown away? Answer these and other questions that explore interconnected environmental issues and agriculture production in both field and laboratory experiences.

Agribusiness Management and Marketing
Course No: 7027 1 Credit
South Texas summers produce endless days of 100 degree temps and little rain in between so local farmers and ranchers must plan in advance for whatever Mother Nature has in store — droughts, floods and less-than-expected harvests. Learn basic management concepts and skills needed for handling these challenges and more that lead to success on farms, ranches and with your own personal finances.

Small Animal Management (Cats, dogs, & other four-legged creatures) (Burbank only)
Course No: 7002 ½ Credit
Course No: 7003 1 Credit
Pet ownership is on the rise and careers that focus on the care of our four-legged friends are growing as well. No more dirty dogs and shedding cats in your house! Learn how to bathe and groom pets and keep them healthy. Study amazing facts about small mammals, reptiles and birds that will serve you well as a pet owner, community volunteer or animal care-giver.

Livestock Production (Burbank only)
Course No: 7004 ½ Credit
Course No: 7005 1 Credit
Down on the farm, ever wonder how ice cream is made from milk or how a chicken lays an egg? Students learn about many popular food sources as well as the difference between beef cattle and dairy cattle. Gain hands-on experience with and knowledge of various farm animals. Future veterinarians, this is a must have course for you!

Range Ecology and Management
Course No: 7006 ½ Credit
Course No: 7007 1 Credit
Forty-seven percent of the earth’s surface is rangeland that supports wildlife, provides timber, and is used for foraging by small animals. Increase your understanding of the importance of rangeland ecosystems and sustainable forage production, not only for farmers and ranchers but all citizens.
Forestry and Woodland Ecosystems
Course No: 7008 ½ Credit
Course No: 7009 1 Credit
Texas employs approximately 60,000 people in lumber or lumber related jobs and has five colleges that offer training in forestry, including a PhD at Stephen F. Austin State University. Our high school course examines current management practices for forestry and woodlands and introduces knowledge and skills regarding career opportunities, entry level requirements, and industry expectations.

Equine Science (Horses, mules, donkeys) (Burbank Only)
Course No: 7010 ½ Credit
Course No: 7011 1 Credit
Do you know the difference between a mule and a donkey? What about thoroughbreds and quarter horses? In this class you will study animal systems in a variety of settings and learn about the many equine science career opportunities available in South Texas.

Practicum in Agriculture, Food, and Natural Resources I
Course No: 7029 2 Credits
Course No: 7030 3 Credits
Prerequisite: Ag/Food/Natural Resource

Practicum in Agriculture, Food, and Natural Resources II
Course No: 7034 2 Credits
Course No: 7035 3 Credits
Prerequisite: Practicum Ag/Food/Natural Resource
When you work in an agriculture profession, the earth becomes one giant classroom full of natural wonders to explore. Practicum courses offer job opportunities related to agriculture, food and natural resources and/or independent study in a related field. Students may be paired with mentors that provide first-hand knowledge, experience and practical advice. There are all kinds of possibilities in a practicum! Your Ag teacher can provide additional information about available opportunities outside of the classroom. Students must provide their own transportation daily to and from practicum site.

Mathematical Applications in Agriculture, Food, and Natural Resources (Math substitute*)
Course No: 7031 1 Credit
If you like math, you’ll LOVE this course! Use algebra, geometry and data analysis to solve problems in agriculture, food services, or management of natural resources. For example, agricultural careers run the gamut from commodity brokers to agricultural economists, embryo technologist to food and fiber engineers. Data management careers deal with global positioning systems and geographical information systems. Improve your math skills and save the world!
Prerequisite: Ag, Food, Natural Resources

Problems and Solutions I: Agriculture, Food, and Natural Resources
Course No: 7971 1 Credit

Problems and Solutions II: Agriculture, Food, and Natural Resources
Course No: 7973 1 Credit
Get high school credit for solving real-world problems. What a deal! This course offers students the opportunity to develop topical, research-based projects related to your career interest in agriculture, food and natural resources. Use scientific methods of investigation to conduct in-depth research under the guidance and input from professional and business mentors. Present findings to an audience that includes experts in your chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of the class.

BUSINESS & INDUSTRY ENDORSEMENT

Principles of Architecture and Construction
Course No: 7100 ½ Credit
Course No: 7110 1 Credit
Look around. Where ever you are you are a school, a shopping mall or the 1.2 billion dollar Dallas Cowboy stadium, you are in a building that began as an idea in an architect’s head and became the blueprint construction teams used to construct the building. Build your dreams in this introductory overview of architecture, interior design, construction science, and construction technology.

Architectural Design
Course No: 7111 1 Credit
Course No: 7120 2 Credits
Use Computer Aided Drafting to learn the basic skills needed for a career in architectural design and construction or prepare for a college degree in architecture or a related field. Students produce drawings and scaled models for commercial or residential purposes using required tools, techniques and historical data.
Prerequisites: Algebra I/Geometry/Principles of Architecture and Construction

Advanced Architectural Design
Course No: 7121 2 Credits
Course No: 7130 3 Credits
Take your skills to the next level! Your self-created architectural designs, drawings and scaled models become part of a professional portfolio or resume you’ll be expected to develop and maintain using a variety of multimedia techniques.
Prerequisites: Principles of Architecture & Construction and Architectural Design or Advanced Interior Design

Career & Technical Education

Practicum in Architectural Design I
Course No: 7122 2 Credits
Course No: 7147 3 Credits
Prerequisites: Completion of coherent sequence in an area related to architectural design

Practicum in Architectural Design II
Course No: 7131 2 Credits
Course No: 7148 3 Credits
Prerequisites: Completion of coherent sequence in an area related to architectural design
Are you ready for a professional or business mentor? Experiences may include architectural firm internships or instruction in a classroom lab setting. Whatever the mode of delivery, architects-to-be will receive hands-on safety instruction and discover multiple career opportunities in architectural design. Students must provide their own transportation to and from the practicum site.

Interior Design
Course No: 7102 ½ Credit
Course No: 7112 1 Credit
If your favorite TV channel is HGTV or DIY, then we have designs on you! Interior designers make critical judgments that affect the function and environment of rooms in residential and commercial structures. Learn how to make wise consumer decisions, increase productivity and succeed in a competitive industry that is all about interiors, exteriors, construction and furnishings.
Prerequisite: Algebra I/Principles of Architect & Construct/or Architectural Design

Advanced Interior Design
Course No: 7113 1 Credit
Course No: 7123 2 Credits
Decisions that take place inside buildings can be just as complicated and important as those made on a larger scale, so roll up your sleeves and get your hands dirty! Activities include wood working, furniture finishing and repair, disassembling and reassembling furniture, and demonstrating your knowledge of paints, varnishes and upholstery. Students will also research, design, present and critique architectural projects.
Prerequisite: Geometry/Principles of Architecture & Construction/Interior Design/Architectural Design or Advanced Architectural Design
Career & Technical Education

Practicum in Interior Design I
Course No: 7149  2 Credits
Course No: 7124  3 Credits
Prerequisite: Completion of coherent sequence in an area related to interior design

Practicum in Interior Design II
Course No: 7150  2 Credits
Course No: 7132  3 Credits
Prerequisite: Practicum in Interior Design I
The Texas Workforce Commission predicts there will be 5,950 interior designers working in Texas by 2016. Are you ready to become one of them? Wait! There’s more to learn. Gain advanced knowledge and hands-on experience, either paid or unpaid, in the interior design field with business mentors and qualified instructors that will help you reach your career goals. Students must provide own transportation daily to and from practicum site.

Construction Technology
Course No: 7143  1 Credit
Course No: 7144  2 Credits
The median income for a Construction Supervisor in San Antonio is $85,960 while a Building Maintenance Supervisor averages $56,576. This class provides the foundation for both fields including safety, tool usage, codes and framing. Students interested in carpentry as well as other high paying, construction-related occupations should consider this class.

Construction Management
Course No: 7114  1 Credit
Course No: 7125  2 Credits
Hammer? Check! Nails? Check! Hard Hat? Check! In this class, students learn the safety rules and skills to become a carpenter, building maintenance supervisor, or prepare for a college degree in architecture, construction science, drafting or engineering. In addition, learn how to read building plans, frame a house, lay a foundation, and the basics of building construction. Prerequisite: Algebra I/Geometry/Principles of Architecture & Construction

Advanced Construction Management
Course No: 7126  2 Credits
Course No: 7133  3 Credits
Built to last! Demonstrate your understanding of mechanical, fluid, electrical and thermal technology, as well as science and mathematics applications, by selecting appropriate resources to develop, complete and market sophisticated building projects. Serves as an extension course to Construction Management. Prerequisite: Construction Management

Practicum in Construction Management I
Course No: 7127  2 Credits
Course No: 7134  3 Credits
Prerequisite: Prerequisites: Completion of Coherent sequence in construction management

Practicum in Construction Management II
Course No: 7151  2 Credits
Course No: 7152  3 Credits
Prerequisite: Practicum Construct Management I
Students receive on-the-job training experiences where safety and career opportunities are emphasized as students complete or participate in real-life construction projects outside of the classroom. Students must provide own transportation daily to and from practicum site.

Mill and Cabinetmaking Technology
Course No: 7128  2 Credits
Course No: 7135  3 Credits
Did you know that custom-made, kitchen cabinets are one of the most expensive items in home remodeling? In this class, students learn cabinetmaking skills and finishing techniques to design and build beautiful home cabinets, including how to use woods, fasteners, hardware, glass, mirrors and special tools. Turn this hobby into a marketable, profitable skill for life! Prerequisite: Principles of Architecture & Construction

Electrical Technology
Course No: 7136  1 Credit
Course No: 7129  2 Credits
Specialists in electrical technology can earn a beginning salary of between $12 to $18 dollars per hour. With experience, this can increase to over $30 dollars per hour. Bottom line - a highly-skilled electrician is always in demand! Learn how to safely install electrical equipment and read electrical drawings, schematics and specifications as you gain knowledge in electrical theory, tools, codes and safety. Prerequisite: Principles of Architecture & Construction

Advanced Electrical Technology
Course No: 7137  2 Credits
Course No: 7138  3 Credits
Extend your knowledge of electrical technology with additional information about alternating and direct current motors, conductor installation, installation of electrical services as well as electric lighting installation. Prerequisite: Principles of Architecture & Construction and Electrical Technology

Piping and Plumbing Technology
Course No: 7139  2 Credits
No more clogged drains! No more leaky pipes! Whether you want to learn skills for home maintenance or pursue certification in a high demand career, this is an excellent introductory course. Enter the industry as a plumber, pipe fitter, building maintenance technician, or supervisor and prepare for a post secondary degree in construction management, architecture, or engineering. Prerequisite: Principles of Architecture & Construction or Construction Technology

Advanced Piping and Plumbing Technology
Course No: 7140  2 Credits
Gain advanced knowledge in piping and plumbing technology while adding industrial pipe fitting, motorized equipment, oxy-fuel cutting, and water, chemical, steam, compressed air, and oil pipe systems. Prerequisite: Principles of Architecture & Construction and Piping and Plumbing Tech

Building Maintenance Technology
Course No: 7145  2 Credits
Whether you want to be a maintenance supervisor or just handy around the house, this is a great course. In this class, you will learn skills in plumbing, electrical, and heating, ventilation, and air conditioning (HVAC) systems. In addition, you will learn how to repair and install drywall, roofs, and insulation. Prerequisite: Principles of Architecture & Construction

Advanced Building Maintenance Technology
Course No: 7146  2 Credits
Home renovation is rising in popularity thanks to HGTV and 24-hr cable networks! If you think buying old houses and making them new again is in your future, then this class is for you. In addition to the skills mastered in Building Maintenance Technology, you will learn safety, Occupational Safety and Health Administration (OSHA) standards, safety devices in electrical circuits, maintenance of electrical and heating, ventilation, and air conditioning (HVAC) systems AND the concepts of historic preservation! Prerequisite: Building Maintenance Technology

Problems and Solutions I: Architecture and Construction
Course No: 7971  1 Credit

Problems and Solutions II: Architecture and Construction
Course No: 7973  1 Credit
Get high school credit for solving real-world problems. This course offers students the opportunity to develop topical, research-based projects related to your career interests in Architecture and Construction. Use scientific methods of investigation to conduct in-depth research under the guidance of and input from professional and business mentors. Present findings to an audience that includes experts in your chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of the class.
Career & Technical Education

**Practicum in Fashion Design I**
Did you know that Dallas is a regional fashion market, third in size in the country, after New York and Los Angeles? Armed with this knowledge and the business principles gained in this practicum course, you will be well on your way to a career in the fashion industry. Lab-based classroom experiences and possible job opportunities are available.

**Prerequisites:** Practicum in Fashion Design I

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**Build on the basics!**

**Practicum in Audio/Video Production I**

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**Lights! Camera! Action!** Extend knowledge gained in Audio/Video Production to include the business aspect of movie making per Federal Communications Commission standards.

**Prerequisites:** Audio/Video Production

**Practicum in Audio/Video Production II**

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**Little known fact:** Texas is a major center for digital media production, especially in Austin where the University of Texas is among the top film schools in the world. Prepare for a degree in Audio/Video Production or learn how to become a freelance film maker. Students will apply knowledge in a studio environment, and create and manage a professional portfolio. Students must provide their own transportation to and from practicum site.

**Prerequisites:**

- Practicum in Audio/Video Production
- Printing and Imaging Technology

**Printing and Imaging Technology**

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Want to publish your own book? Learn how in this hands-on course that develops an understanding of the printing industry with a focus on desktop publishing.

**Prerequisites:**

- Principles of Arts, A/V, Communication
- Advanced Printing and Imaging Technology

**Advanced Printing and Imaging Technology**

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Expand knowledge gained in Printing and Imaging Technology to include press operations – the foundation for publishing newspapers, periodicals, and yearbooks, with more sophisticated color combinations of art and technology.

**Prerequisites:**

- Principles of Arts, A/V, Communication
- Practicum in Audio/Video Production

**Advanced Graphic Design and Illustration**

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Expand knowledge gained in Graphic Design and Illustration to include more effective color choices, with advanced composition and printing concepts.

**Prerequisites:**

- Principles of Arts, A/V, Communication
- Practicum in Audio/Video Production

**Advanced Animation**

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Did you know that computer gaming is fast becoming a major Texas industry? Texas has over 70 game development companies in Austin and Dallas combined. NOW is the time to look seriously at this field as a career possibility. Students in Advanced Animation will create 2-D and 3-D projects, learn sophisticated production processes with increased efficiency and time management skills and receive information about future employment opportunities. Avatar #10 anyone?

**Prerequisites:**

- Animation

**Fashion Design**

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Fashionista: a person devoted to fashion, clothing, particularly unique or high fashion; promotes or creates high fashion. If your dream is to see your original designs on the “Project Runway” catwalk or the cover of “Vogue” magazine, then Fashion Design is the class for you! Learn about the textile industry, the factors that influence apparel design and what drives consumer purchases of clothes and accessories. In addition, you’ll learn how to care for your own clothes as you repair, alter and create new garments.

**Prerequisite:** Principles of Arts, A/V Tech, & Comm

**Career & Technical Education**
Career & Technical Education

Practicum in Graphic Design and Illustration I
Course No: 7229 2 Credits
Course No: 7230 3 Credits
Prerequisite: Advanced Graphic Design

Practicum in Graphic Design and Illustration II
Course No: 7237 2 Credits
Course No: 7238 3 Credits
Prerequisite: Practicum in Graphic Design

Whether students become a college business major, own or manage their own business, or climb the corporate ladder, successful entrepreneurs spend countless hours and unlimited energy developing effective strategies that lead to these two important words, “You’re hired!” From learning how to get along with peers in the workplace to strengthening technology skills, business courses offer real-life practical experiences that increase confidence, integrity, accountability, responsibility, leadership, ethics, interpersonal skills and teamwork.

Business Information Management I
Course No: 7302 1 Credit
Course No: 7303 2 Credits
Successful business men and women need MANY skills to get to the top, and you will discover most of them in this class! Learn how to thrive in diverse working environments, create multiple word processing documents, develop accurate spreadsheets and memorable PowerPoint presentations. Valuable skills you’ll use and appreciate for life!

Business Information Management II
Course No: 7304 1 Credit
Course No: 7305 2 Credits
Expand knowledge gained in Business Information and Management I including the development of a professional career portfolio with a letter of application, resume, and other documents needed for success in the business world. Prerequisite: Business Information Management I

Business Management
Course No: 7306 1 Credit
Course No: 7307 2 Credits
Business ownership requires many skills: planning, organizing, staffing, directing, and leading. Ethical, financial, technological, international and social responsibilities must also be considered. In this class, aspiring entrepreneurs will learn how to make appropriate business and management decisions for successful, start-up companies.

Virtual Business
Course No: 7308 ½ Credit
Course No: 7314 1 Credit
Get paid to work from home? Sound too good to be true? Online businesses are BIG business — AMAZON, eBay, Netflix, Overstock, to name just a few. Learn how to create websites, attract customers, set fees, develop client contracts and use advanced modes of communication and data delivery to start your own virtual business.

Human Resources Management
Course No: 7309 ½ Credit
Course No: 7315 1 Credit
Human Resource Management is more than just hiring and firing people. It is also about employee pay and benefits, job training, federal and state laws, workplace safety, the rights of employees, employer responsibility, and how future global considerations impact local employment. Anyone who plans a job in Human Resources will find this course VERY helpful!

Global Business
Course No: 7310 ½ Credit
Course No: 7316 1 Credit
What does the expression, “When the U.S. sneezes, the world gets a cold,” mean to you? This class describes how global markets impact local economies, how different policies and laws control trade, and how cultural differences present challenges in the world of business. This is a fascinating course where students use technical skills to address global business applications of emerging technologies.

Business Law
Course No: 7311 ½ Credit
Course No: 7317 1 Credit
Doing business with a handshake – a thing of the past. From real estate to car sales, from bank loans to insurance policies, from employment to the stock market, business contracts seal the deal. Learn the difference between civil and criminal law practices that will enable you to make savvy business decisions throughout life.

Practicum in Business Management I
Course No: 7312 2 Credits
Course No: 7313 3 Credits
Prerequisite: Business Management

Practicum in Business Management II
Course No: 7318 2 Credits
Course No: 7319 3 Credits
Prerequisite: Business Management I

Problems and Solutions I: Business Management and Administration
Course No: 7973 1 Credit

Problems and Solutions II: Business Management and Administration
Course No: 7971 1 Credit

Get high school credit for solving real-world problems. This course offers students the opportunity to develop topical, research-based projects related to your career interests in Arts, A/V Technology and Communication. Use scientific methods of investigation to conduct in-depth research under the guidance of and input from professional and business mentors. Present findings to an audience that includes experts in your chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of the class.

BUSINESS & INDUSTRY ENDORSEMENT

Principles of Business, Marketing, and Finance
Course No: 7320 ½ Credit
Course No: 7301 1 Credit

Whether students become a college business major, own or manage their own business, or climb the corporate ladder, successful entrepreneurs spend countless hours and unlimited energy developing effective strategies that lead to these two important words, “You’re hired!” From learning how to get along with peers in the workplace to strengthening technology skills, business courses offer real-life practical experiences that increase confidence,
A behind-the-scenes look at the hard work needed to become a successful educator. In addition to knowledge gained in prerequisite classes, you will create a philosophy of education, study the learner and learning process, plan and use effective instructional strategies, develop and maintain a positive learning environment, understand the relationship between school and society, and develop and maintain a professional portfolio. Students must provide own transportation daily to and from the practicum site.

**Career & Technical Education**

**Accounting II**  
Course No: 7352  
1 Credit  
Jump-start your college or career with advanced accounting knowledge. Enhance existing skills by applying accurate accounting procedures to the purchase and sale of bonds, financial statement analysis, fundamental managerial accounting concepts, budget reports, and laws and regulations to manage business operations while using current accounting technologies.  
**Prerequisite:** Accounting I

**Banking and Financial Services**  
Course No: 7353  
1 Credit  
Do you wonder what the term “bank bailout” really means? Are you curious about where money goes when you deposit it into an account? What does the Federal Reserve have to do with you? Answer all these questions and more as a competent business, marketing and financial consumer. Increase knowledge of banking institution operations, sales and management and their impact in today’s society.  
**Prerequisite:** Principles of Business, Marketing, & Finance

**Securities and Investments**  
Course No: 7354  
1 Credit  
Are you a regular subscriber to the Wall Street Journal? Do you wonder how stocks, bonds, mutual funds, and real estate affect your chances of summer employment? Then become a “student stock broker” and learn how securities impact your daily life, determine client needs and make informed decisions for the purchase and sale of securities and investments.  
**Prerequisite:** Principles of Business, Marketing, & Finance

**Insurance Operations**  
Course No: 7355  
1 Credit  
15 minutes could save you 15% or more so says the GEICO gecko regarding insurance costs. Is this popular ad true? Learn about the kinds of insurance you will need at various stages in your life and explore various career opportunities in the high profile, insurance industry.  
**Prerequisite:** Principles of Business, Marketing, and Finance

**Business & Industry Endorsement**

**Principles of Business, Marketing, & Finance**  
(Same as Business)  
Prerequisite: Principles of Education & Training/Human Growth and Development/Instructorial Practices in Education & Training

**Practicum in Education and Training I**  
Course No: 7406  
2 Credits  
Course No: 7407  
3 Credits  
Prerequisite: Principles of Education & Training/Human Growth and Development/Instructorial Practices in Education & Training

**Practicum in Education and Training II**  
Course No: 7408  
2 Sem, 2 Credits  
Course No: 7409  
2 Sem, 3 Credits  
Prerequisite: Principles of Education & Training/Human Growth & Development/Instructorial Practices in Education & Practicum in Education and Training I

**PUBLIC SERVICE ENDORSEMENT**

**Principles of Education and Training**  
Course No: 7401  
½ Credit  
Course No: 7402  
1 Credit  
Everyone agrees that the difference between success and failure is a great teacher! This class trains students to become the kind of teacher all parents want for their child by preparing them for a life of service with kids, parents and their community. Future educators gain first-hand experience several times a week at district elementary schools where they are assigned to specific teachers and classrooms, working directly with young children designing lessons and planning instruction. This program prepares graduates for an exciting career as a teacher with their alma mater – SAISD!

**Human Growth and Development**  
Course No: 7403  
1 Credit  
Most people think that all a teacher needs is a college degree and textbook. NOT! Understanding human growth and development is critical to becoming a successful educator. This course covers material taught in introductory college psychology classes and covers human development from prenatal stage to late adulthood. This is an excellent resource for anyone considering education as a career.  
**Prerequisite:** Principles of Education & Training

**Instructional Practices in Education & Training**  
Course No: 7404  
1 Credit  
Course No: 7405  
2 Credits  
Work with elementary, middle or high school-aged students in a classroom setting under the direct supervision of an experienced teacher. You’ll learn to make creative lesson plans, assist with student recordkeeping, understand teacher ethics and legal responsibilities, and complete tasks required of teachers, trainers, paraprofessionals or other educational personnel.  
**Prerequisites:** Principles in Education & Training and Human Growth and Development

**Practicum in Education and Training I**  
Course No: 7406  
2 Credits  
Course No: 7407  
3 Credits  
Prerequisite: Principles in Education & Training/Human Growth and Development/Instructorial Practices in Education & Training

**Practicum in Education and Training II**  
Course No: 7408  
2 Sem, 2 Credits  
Course No: 7409  
2 Sem, 3 Credits  
Prerequisite: Principles in Education & Training/Human Growth & Development/Instructorial Practices in Education & Practicum in Education and Training I
Career & Technical Education

Money Matters
Course No: 7356  ¾ Credit
Course No: 7358  1 Credit
Who wants to be a millionaire? Take Money Matters and leave the popular TV game shows behind. People become wealthy by learning early how to set long-term financial goals through investment, tax planning, asset allocation, risk management, retirement planning and estate planning. In this class, you obtain all this information and more! Prerequisite: Principles of Business, Marketing, & Finance

Statistics and Risk Management
(4th math credit)
Course No: 7357  1 Credit
Financial planners, controllers and chief financial officers are all risk managers. A high paying career for people interested in business and math, students will use a variety of graphical and numerical techniques to analyze patterns and departures from patterns to identify and manage risk that could impact an organization. This is a fun, fast-paced class where you will learn how to use probability as a tool for anticipating and forecasting data within business models. Also, you may receive a fourth math credit for this course!

Problems and Solutions I: Finance
Course No: 7971  1 Credit
Problems and Solutions II: Finance
Course No: 7973  1 Credit
Get high school credit for solving real-world problems. This course offers students the opportunity to develop topical, research-based projects related to your career interests in Finance. Use scientific methods of investigation to conduct in-depth research under the guidance of and input from professional and business mentors. Present findings to an audience that includes experts in your chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of the class.

Political Science I
Course No: 7502  1 Credit
Course No: 7503  2 Credits
This course expands your knowledge of government by introducing political theory through the study of governments, public policies, and political processes, systems, and behavior. Students will also examine landmark court cases throughout U.S. history in preparation for Political Science II. Prerequisite: Principles of Gov & Public Admin

Political Science II
Course No: 7504  1 Credit
Course No: 7505  2 Credits
Feel like a member of Congress as you examine the process, systems, and political dynamics of the United States and other nations through an analysis of world events. Civil and Criminal Law are infused into this college and career readiness program. Prerequisite: Political Science I

Public Management and Administration
Course No: 7506  1 Credit
Course No: 7507  2 Credits
Become a pillar of society in your own community. Whether you want to be the mayor, a city councilman, or involved citizen, you will learn management tools that effective administrators use to improve the quality of life in their town, city, state or nation. Prerequisite: Principles of Gov & Public Admin

Foreign Service and Diplomacy
Course No: 7508  2 Credits
Course No: 7509  3 Credits
Want to see the world and get paid for it? Professionals in this field serve in foreign embassies and consultates, direct diplomatic missions and advise government leaders on foreign affairs. A Foreign Service Specialist receives excellent housing, health and medical coverage, federal retirement benefits, paid education for children between K-12, generous paid leave and a chance to see the world and experience different cultures. Prerequisite: Principles of Gov & Public Admin

Practicum in Local, State & Federal Government I
Course No: 7510  2 Credits
Course No: 7511  3 Credits
Practicum in Local, State & Federal Government II
Course No: 7512  2 Credits
Course No: 7513  3 Credits
Prerequisite: Practicum in Local, State & Fed Gov I
Be part of the solution not the problem as you apply your government and public administration skills in a one-on-one professional setting, including government, public management and administration, national security, municipal planning or regulation. You’ll experience the process up close and personal in paid or non-political internships with law firms, or county, district, or federal courts.

Problems and Solutions I: Government & Public Administration
Course No: 7971  1 Credit
Problems and Solutions II: Government & Public Administration
Course No: 7973  1 Credit
Get high school credit for solving real-world problems. This course offers students the opportunity to develop topical, research-based projects related to your career interests in Government and Public Administration. Use scientific methods of investigation to conduct in-depth research under the guidance of and input from professional and business mentors. Present findings to an audience that includes experts in your chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of the class.

PUBLIC SERVICE ENDORSEMENT

Principles of Health Science
Course No: 7612  ¾ Credit
Course No: 7600  1 Credit
Everyone needs health care. From newborns to seniors, Texans require professionals who are experts at diagnosing and treating disease, using medical technologies and providing preventive care. If you feel a calling to care for others, won’t faint at the sight of blood or want to pursue a profession on the cutting edge of technology, then this may be the class for you.

Health Science
Course No: 7601  1 Credit
Course No: 7602  2 Credits
Gain real-world experience in the health care field by participating in clinical rotations or career prep environments in hospital or classroom settings. Develop an advanced understanding of employment opportunities available in health careers. Prerequisite: Biology & Principles Health Science

Practicum in Health Science I
Course No: 7603  2 Credits
Course No: 7604  3 Credits
Prerequisite: Biology & Health Science
Practicum in Health Science II
Course No: 7613  2 Credits
Course No: 7614  3 Credits
Prerequisite: Practicum in Health Science I
You are on your way to a challenging career in the health profession! Apply knowledge and skills in locations that are appropriate to your level of experience. In this class, you will display the ethical and legal responsibilities associated within the medical field.
Medical Terminology
Course No: 7605  ½ Credit
Have you ever been to a doctor and when he finishes his diagnosis, you think he is speaking another language? He is! Take this course and learn the terms that are specific to the medical field and increase your comprehension of medical procedures, human anatomy and physiology, and pathophysiology. This is a must have class if you plan to pursue a career in the health care industry.

Pathophysiology (4th year science w/1 credit)
Course No: 7606  ½ Credit
Course No: 7607  1 Credit
Learn the language of doctors! Pathophysiology connects your knowledge of anatomy and physiology to the process of diseases in the human body. You will learn to identify normal vs. abnormal presentation, and the signs and symptoms associated with disease. Medical microbiology and Pathophysiology are taken sequentially and will be interspersed with hospital observations. Prerequisite: Three credits of science

Anatomy and Physiology (4th year science)
Course No: 7608  1 Credit
Have you ever wondered what was happening inside your body when you’re sleeping or about your body’s response to a narrowly avoided, serious accident? In Anatomy and Physiology, you’ll study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis (the process within the body to remain stable despite external conditions).
Emphasis is placed on prevention and treatment of disease. You will spend 40% or more of your time conducting experiments in a laboratory setting.
Completion of this course may qualify you for a 4th year credit in science. Prerequisite: Three credits of science

Medical Microbiology (4th year science w/ 1 credit)
Course No: 7609  ½ Credit
Course No: 7610  1 Credit
Which are the “good” and “bad” microorganisms that can positively or negatively affect our health? Explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms (disease causing versus non-disease causing), learning laboratory procedures, and identifying microorganisms, drug resistant organisms, and emerging diseases. You will spend 40% or more of your time in a laboratory setting. Completion of this course may qualify you for a 4th year credit in science. Prerequisite: Three credits of science

Counseling and Mental Health
(See Human Services)
Course No: 7471  1 Credit
If you want to learn how to “read a person like a book,” you’ll like this class. Learn verbal and nonverbal communication skills as you research career options and the preparation necessary for employment in mental health.

Biotechnology (See STEM)
Course No: 7850  1 Credit
Scientists have been experimenting with biotechnology since they began cross breeding horses in the late 1900’s. Learn current strategies in modern-day biotechnology and bioengineering, including related fields. In this class, you will study the increasingly important agricultural, environmental, economic and political roles of bio-energy and biological remediation.

World Health Research
Course No: 7611  1 Credit
Do you know why medical care is often very slow in getting to natural disaster sites? In this class, you will examine major world health problems and the emerging technologies that may provide solutions. When you complete this course, you’ll have a better understanding of working within cultural, political, educational, technology and infrastructure constraints. (Think bad highways and poor communication systems!) Prerequisite: Biology and Chemistry

Advanced Biotechnology (See STEM)
(4th year science)
Course No: 7851  1 Credit
You will have the opportunity to use sophisticated laboratory equipment, perform statistical analysis and practice quality-control techniques, as you apply advanced biotechnology knowledge and skills to agriculture, medical, regulatory, and forensic challenges. To receive credit in science, you must meet the 40% laboratory and fieldwork requirement.

Problems and Solutions I: Health Science
Course No: 7971  1 Credit

Problems and Solutions II: Health Science
Course No: 7973  1 Credit
Prerequisite: Biology and Chemistry
Get high school credit for solving real-world problems. This course offers students the opportunity to develop topical, research-based projects related to your career interests in Health Science. Use scientific methods of investigation to conduct in-depth research under the guidance of and input from professional and business mentors. Present findings to an audience that includes experts in your chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of the class.

Career & Technical Education
BUSINESS & INDUSTRY ENDORSEMENT

Principles of Hospitality and Tourism
Course No: 7426  1 Credit
Do you want to find out how to get big discounts at hotels and restaurants? Does traveling the world sound like fun? Then book your trip to the top with a career in Hospitality and Tourism. In this introductory course, you will acquire the knowledge and skills to function effectively in various positions within this exciting, multifaceted industry.

Culinary Arts
Course No: 7427  1 Credit
Course No: 7428  2 Credits
Chefs are front and center these days thanks to reality shows like “Top Chef” and 24-hour food networks. Whether students want to work in a kitchen, design a restaurant or run a catering business, culinary arts is a great choice for any “foodie” with the right training and a knack for flavor. In these classes, students learn the art of cooking and science of baking. Food management, production and all aspects of food preparation are taught in a hands-on, lab-based environment. Simply delicious! Prerequisite: Restaurant Management, Lifetime Nutrition & Wellness or Principles Hosp/Tourism

Practicum in Culinary Arts I
Course No: 7429  2 Credits
Course No: 7830  3 Credits
Prerequisite: Culinary Arts or Hotel Management

Practicum in Culinary Arts II
Course No: 7440  2 Credits
Course No: 7441  3 Credits
Prerequisite: Practicum in Culinary Arts I
This course is a unique practicum that provides students with occupationally specific opportunities that combine classroom instruction with actual business and industry career experiences. Integrate academic, career, and technical education as you participate in the culinary business and community. Students must provide their own transportation daily to and from the practicum site.
Career & Technical Education

Hospitality Services
Course No: 7431 1 Credit
Course No: 7432 2 Credits

How times change! The first hotel in the United States opened in California in 1925 and rooms cost $2.50 per night. Today, there are more than four million guest rooms in the country with over seven million people employed directly or indirectly in the hospitality and tourism industry. San Antonio boasts eight million visitors per year with workers vital to the San Antonio and South Texas economy. Prepare for careers in this field through classroom instruction combined with first-hand experiences at local, five-star hotels and restaurants in the heart of the Alamo City. Students are equipped to work on the front lines of these high-demand, high-skill careers where they will be enthusiastic, articulate and service-oriented with an extra eye for detail. In other words, “They’ll leave the light on for you.” Prerequisite: Hotel Management/Travel & Tourism Management/or Restaurant Management

Practicum in Hospitality Services I
Course No: 7433 2 Credits
Course No: 7434 3 Credits
Prerequisite: Hotel Management/Travel & Tourism Management/or Restaurant Management

Practicum in Hospitality Services II
Course No: 7442 2 Credits
Course No: 7443 3 Credits
Prerequisite: Practicum in Culinary Arts

Combines classroom instruction with the actual business skills needed for success. Students learn employability skills, job-specific training skills, effective interview techniques, communication skills, financial and budget activities, human relations and portfolio development.

Restaurant Management
Course No: 7435 ½ Credit
Course No: 7436 1 Credit
Is restaurant ownership in your future? Here students learn the principles of planning, organizing, staffing, directing, and controlling the management of many food service operations. Gain insight into why some restaurants succeed and others fail. Secure a tasty future! Prerequisite: Principles of Hospitality and Tourism

Hotel Management
Course No: 7437 ½ Credit
Course No: 7438 1 Credit
San Antonio is the number one tourist destination in Texas! There are dozens of hotels right here in the Alamo city where students can pursue a high paying career in hotel management. This course provides an overview of departments within a hotel such as front desk, food and beverage, housekeeping, maintenance, human resources and accounting. Prerequisite: Principles of Hospitality and Tourism

Food Science
Course No: 7439 1 Credit

Did you know that Texas restaurants must comply with very high standards for food service and delivery as determined by the Texas Department of State Health Services? Go “Behind the Kitchen Doors” in this class to understand Food Science – the study of the nature of foods, the causes of deterioration, the principles underlying food processing and the improvement of foods for the consuming public. You will spend 40% or more of your time in a laboratory setting. Completion of this course may qualify you for a 4th year credit in science. Prerequisite: 3 units of science

Prerequisite: Principles of Hospitality/Tourism

Problems and Solutions I: Hospitality and Tourism
Course No: 7971 1 Credit

Get high school credit for solving real-world problems. This course offers students the opportunity to develop topical, research-based projects related to your career interests in Hospitality and Tourism. Use scientific methods of investigation to conduct in-depth research under the guidance of and input from professional and business mentors. Present findings to an audience that includes experts in your chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of the class.

PUBLIC SERVICE ENDORSEMENT

Principles of Human Services
Course No: 7463 ½ Credit
Course No: 7464 1 Credit

What do child care and cosmetology have in common? (Hint: They both provide personal services!) Investigate careers in human services, including counseling and mental health, early childhood development, family and community, and personal care services.

Dollars and Sense
Course No: 7465 1 Credit

Have you ever heard the old saying, “It’s not what you make, it’s what you spend?” You’ll learn how to manage a bank account, how to set up and stay on a budget, and transition from apartment life to home ownership. Class focus is on money management, decision-making skills, impact of technology and preparation for human services careers.

Child Development
Course No: 7466 ½ Credit
Course No: 7467 1 Credit

Whether you’re planning a career in child care or just want to know how to better take care of your own children, this course is a must-have. Learn about child growth and development from prenatal through school-age, with skills to promote the well-being and health of children. Investigate strategies to optimize the development of infants, toddlers, preschool, and school-age children of diverse backgrounds, including those with special needs. Prerequisite: Principles of Human Services

Lifetime Nutrition and Wellness
Course No: 7468 ½ Credit
Course No: 7469 1 Credit

An old proverb says, “He who has health, has hope. And he who has hope, has everything.” In this class, learn how to stay healthy (and hopeful) the rest of your life! You’ll understand the role of nutrients in the body, study the long term effects of food choices, analyze current lifestyle habits that increase health risks, learn food buying strategies, and investigate careers in nutrition. Prerequisite: Principles of Human Services/Principles of Hospitality/Tourism/Principles of Health Science/ or Principles of Education & Training

Child Guidance
Course No: 7470 1 Credit

Do you ever wish you were a little kid again? This class allows you to return to those by-gone days of old as you analyze the effect of play in a child’s development. Learn how to promote the health and wellness of children, the appropriate guidance techniques for children of all ages and developmental levels, and the various careers in childcare. Prerequisite: Principles of Human Services and Child Development

Counseling and Mental Health
Course No: 7471 1 Credit

If you want to learn how to “read a person like a book,” you’ll like this class! Learn verbal and nonverbal communication skills as you research and prepare for mental health careers. Prerequisite: Principles of Human Services

Interpersonal Studies
Course No: 7472 ½ Credit
Course No: 7473 1 Credit

Learn how to get along and “play nice” with others individually or in group settings. Examine personal relationship dynamics in families, groups, or individuals and how these relationships affect quality of life. Enhance personal development, foster quality relationships, promote wellness of family members, manage adult roles, and pursue careers related to counseling and mental health services. Prerequisite: Principles of Human Services
Introduction to Cosmetology
Course No: 7474 1 Credit
Who says beauty is only skin deep? From hand care to hair care to Medicare, everyone benefits from a good cosmetologist! Creating signature styles and rock star confidence is more than just combing, cutting and CHI smart styling wands. Students explore bacteriology, sterilization, sanitation, manicuring and shampooing, along with the basics of cut, color and style. Additionally, students can graduate qualified for an entry-level salon position by accumulating the hours and skills required to take and pass their state cosmetology exam (at no cost) during their senior year in high school.
Prerequisite: None

Cosmetology I
Course No: 7475 2 Credits
Course No: 7476 3 Credits
Take the final step toward becoming a licensed cosmetologist in Texas! Integrate academic, career, and technical knowledge and skills in a laboratory course designed to provide job-specific training for employment in cosmetology careers. Instruction includes sterilization and sanitation procedures in hair care, nail care and skin care to meet Texas Department of Licensing and Regulation requirements upon passing the state examination.
Prerequisite: Introduction to Cosmetology

Cosmetology II
Course No: 7477 2 Credits
Course No: 7478 3 Credits
You’ve finished the class! You’ve passed the exam! Now get ready for a real job in a real salon! Designed to provide advanced training in sterilization and sanitation processes, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation requirements for licensure upon passing the examination.
Prerequisite: Cosmetology I

Practicum in Human Services I
(Practicum in Cosmetology I)
Course No: 7479 2 Credits
Course No: 7480 3 Credits
Prerequisite: Cosmetology II

Practicum in Human Services II
(Practicum in Cosmetology II)
Course No: 7481 2 Credits
Course No: 7482 3 Credits
Prerequisite: Practicum in Cosmetology
This class is designed to meet the occupational preparation needs of students and is based on the knowledge and skills selected from two or more courses in a coherent sequence. Instruction is delivered through school-based laboratory training or through work-based delivery arrangements such as cooperative education, mentoring, and job shadowing. Students must provide their own transportation daily to and from the practicum site.

Career & Technical Education

Problems and Solutions I: Human Services
Course No: 7971 1 Credit

Problems and Solutions II: Human Services
Course No: 7973 1 Credit
Get high school credit for solving real-world problems. This course offers students the opportunity to develop topical, research-based projects related to your career interests in Human Services. Use scientific methods of investigation to conduct in-depth research under the guidance of and input from professional and business mentors. Present findings to an audience that includes experts in your chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of the class.

BUSINESS & INDUSTRYENDORSEMENT

Principles of Information Technology
Course No: 7700 ½ Credit
Course No: 7701 1 Credit
Does Boolean logic mean anything to you? What about proprietary licenses or nested IF tables? If you answered “NO” to these questions, sign up NOW for Principles of Information Technology. Develop computer literacy skills that adapt to the emerging technologies used in the global marketplace and be prepared for a rapidly evolving workplace environment. Prerequisite: None

Digital and Interactive Media
Course No: 7702 1 Credit
Question: What do raster-based bitmap graphics, digital photography, and storytelling have in common? Answer: Sign up for this course and find out! Analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve problems. Enhance and apply your reading, writing, computing, communication, and critical thinking skills to the information technology environment. Prerequisite: Principles of Information Technology

Computer Programming
Course No: 7703 1 Credit
Identify and analyze client project software needs as you develop information technology-based projects that solve specific problems. Design a software application plan using appropriate software tools. This is an important, career prep course you don’t want to miss! Prerequisite: Principles of Information Technology

Advanced Computer Programming
Course No: 7704 1 Credit
Course No: 7705 2 Credits
The next level of computer programming in which students expand knowledge and skills in structured programming techniques and concepts. Address complex problems and develop comprehensive programming solutions that touch on the significant, social responsibility of business. Topics include the environment, ethics, health, safety and diversity in society and the workplace. Prerequisite: Principles of Information Technology and Computer Programming

Web Technologies
Course No: 7706 1 Credit
Social Media, iPhone/Android applications, Web 2.0 tools, open source environments, all of these are web technologies that are part of our daily lives. Learn how to comply with practices and behaviors that meet legal and ethical responsibilities. Make informed decisions regarding all aspects of information technology and improve your ability to communicate in our technology-driven society. Fundamentals of web design will be introduced through Dreamweaver and/or Wordpress as the primary platform. Prerequisite: Principles of Information Technology

Research in Information Technology Solutions I
Course No: 7707 2 Credits
Course No: 7714 3 Credits
Prerequisite: A minimum of two high school information technology courses

Research in Information Technology Solutions II
Course No: 7715 2 Credits
Course No: 7716 3 Credits
Prerequisite: Research in Information Solutions I
Challenge your critical thinking and problem solving skills with this advanced information technology experience. Gain additional knowledge and skill in the application, design, production, implementation, maintenance, evaluation, and assessment of products, services, and systems. Product development may be conducted in a classroom setting with an industry mentor, as an unpaid internship or as career preparation.
Career and Technical Education

Computer Maintenance
Course No: 7708 1 Credit
Course No: 7709 2 Credits
You know how to use a computer, but do you know how to fix it? This money-saving, nerve-sparing course includes electrical and electronic theory, computer hardware principles, and broad level components related to the installation, diagnosis, service, and repair of computer systems. **Prerequisite:** Principles of Information Technology

Computer Technician
Course No: 7710 2 Credits
Course No: 7711 3 Credits
Considering a career in computer technology? Then you need this class! Designed for career development and employability, you’ll use your management skills to oversee information technology projects, and recognize and analyze potential IT security threats. Gain advanced knowledge of electrical and electronic theory, computer principles and components used in the installation, diagnosis, service, and repair of computer based technology systems. Taught in a classroom setting with an instructor, an industry mentor, or both. **Prerequisite:** Principles of Info Tech and Telecommunications & Networking

Telecommunication and Networking
Course No: 7712 1 Credit
Course No: 7713 2 Credits
AT&T, Verizon, Sprint – just a few of the telecommunication giants with limitless career opportunities. Upgrade your skills with a better understanding of telecommunications and data network services. Analyze various types of configurations and upgrading, recognize the many network components, develop and implement a network design plan for technology security threats. Learn how to use the tools, equipment, technologies and materials needed in telecommunications services. Students will create and maintain a professional portfolio with projects and accomplishments for interview and employment purposes. **Prerequisite:** Principles of Info Tech and Computer Maintenance

Problems and Solutions I: Information Technology
Course No: 7971 1 Credit
Problems and Solutions II: Information Technology
Course No: 7973 1 Credit
Get high school credit for solving real-world problems. This course offers students the opportunity to develop topical, research-based projects related to your career interests in Information and Technology. Use scientific methods of investigation to conduct in-depth research under the guidance of and input from professional and business mentors. Present findings to an audience that includes experts in your chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of the class.

PUBLIC SERVICE ENDORSEMENT

Principles of Law, Public Safety, Corrections and Security
Course No: 7531 ½ Credit
Course No: 7532 1 Credit
If you love the sounds of sirens, whether from a police car, fire truck, or emergency ambulance, consider a career in public safety. Examine the roles and responsibilities of police, courts, corrections, private security, and fire and emergency protective services. Students will learn basic skills and knowledge in each of these fields.

Courts Systems and Practice
Course No: 7533 1 Credit
You can’t have law and order without enforcement. People working in this field hold positions of great responsibility and are obligated to follow a strict code of ethics. Learn about federal and state court systems, roles of judicial officers and the trial process from pretrial to sentencing. Examine the types and rules of evidence, constitutional laws for criminal procedures such as search and seizure, stop and frisk, and interrogation. **Prerequisite:** Law Enforcement I

Law Enforcement I
Course No: 7534 1 Credit
Course No: 7535 2 Credits
Course No: 7547 DC 1 Credit
Why simply watch crime dramas on TV when you can be the one solving the crimes for a living? Students in these classes learn far more about law enforcement than watching all the episodes of "CSI", "Law and Order" and "NCIS" combined. Courses are designed to provide students with the basic skills and technical knowledge needed to explore this dynamic field of study, including the roles and responsibilities of police, courts, corrections, private security, cybersecurity, and protective agencies, as well as the history, organization and functions of local, state and federal law enforcement. Today’s society demands that those involved in the administration of justice are highly trained in all aspects of the field. **Prerequisite:** Principles of Law, Public Safety, Corrections and Security

Law Enforcement II
Course No: 7536 1 Credit
Course No: 7537 2 Credits
Course No: 7548 DC 2 Credits
Extends Law Enforcement I and prepares students for a career in law enforcement. Course includes ethical and legal responsibilities, operation of police and emergency telecommunication equipment, and courtroom testimony topics. **Prerequisite:** Law Enforcement I

Correctional Services
Course No: 7538 1 Credit
Course No: 7539 2 Credits
While the largest correctional facility in Texas is in Huntsville, there are several prison units in nearby counties as well as local jail and juvenile detention centers. Prepare for certification as a Texas correctional officer. Learn the role and responsibilities of a correctional officer; discuss relevant rules, regulations and laws; and discuss defensive tactics, restraint techniques, and first aid procedures used in a correctional setting. Analyze rehabilitation settings and alternatives to institutionalization. **Prerequisite:** Principles of Law, Public Safety, Corrections and Security

Forensic Science
Course No: 7540 1 Credit
One thing certain about Law, Public Safety, Corrections & Security – it’s not like it is on TV. Forensic crime investigators analyze physical evidence at a crime scene. They examine blood splatters, DNA types and dental records, among other evidence, to determine how a crime was committed. One of the fastest-growing fields in the Law and Public Safety arena, students must first obtain a four-year degree in science for job consideration. If you never miss an episode of CSI, this may be the class for you. Students may receive a fourth science credit by meeting the 40% laboratory and field work requirement. **Prerequisite:** Biology and Chemistry
Career and Technical Education

Practicum in Law, Public Safety, Corrections & Security I
Course No: 7541 2 Credits
Course No: 7542 3 Credits
Practicum in Law, Public Safety, Corrections & Security II
Course No: 7543 2 Credits
Course No: 7544 3 Credits
Prerequisite: Practicum in Law, Public Safety, Corrections, and Security I
A paid or unpaid capstone experience for students participating in a coherent sequence of courses in Law, Public Safety, Corrections, and Security designed to provide practical application of previously acquired knowledge and skills. Experiences may occur in a variety of locations outside of the classroom. Students must provide their own transportation daily to and from the practicum site.

Problems and Solutions I: Law, Public Safety, Corrections, & Security
Course No: 7971 1 Credit
Problems and Solutions II: Law, Public Safety, Corrections, & Security
Course No: 7973 1 Credit
Get high school credit for solving real-world problems. This course offers students the opportunity to develop topical, research-based projects related to your career interests in Law, Public Safety, Corrections and Security. Use scientific methods of investigation to conduct in-depth research under the guidance of and input from professional and business mentors. Present findings to an audience that includes experts in your chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of the class.

The Firefighter classes are open to students enrolled in the Public Safety Magnet at Edison HS. Firefighter I and II courses are juniors and seniors who qualify for dual credit through San Antonio College.

Firefighter I (Edison Only)
Course No: 7545DC 2 Credits
An introductory course to firefighter safety and development, including Texas Commission on Fire Protection rules and regulations, proper incident reporting and proper use of personal protection equipment. Learn to use fire extinguishers, ladders, fire hose and water supply apparatus. Classes are taught by San Antonio College Fire Science instructors. Note: Classes will be held daily at the San Antonio College Fire Science Academy (35 at Buck Rd, approximately 20 miles one way from Edison High School). Transportation will be provided daily to and from the SAC Fire Academy.

Prerequisite: Principles of Law, Public Safety, Corrections, and Security

Firefighter II (Edison Only)
Course No: 7546DC 3 Credits
Note: The second in a series of classes for students interested in pursuing a career as a Firefighter or Emergency Medical Technician. Students can earn up to 32 college hours including EMT-B. Learn the Texas Commission on Fire Protection rules and regulations, proper incident reporting and records, proper use of personal protective equipment, and the principles of fire safety. 18 year-old students will be eligible to take both the Texas Commission Fire Protection Basic Certification and the Emergency Medical Technician exams.

Prerequisite: Firefighter I
Prerequisite: Principles of Law, Public Safety, Corrections and Security

BUSINESS & INDUSTRY ENDORSEMENT

Principles of Manufacturing
Course No: 7800 ¾ Credit
Course No: 7801 1 Credit
Did you know that more than 892,000 Texans work in the manufacturing industry, which offers the highest compensation (more than $63,000 a year per worker nationally) in the private sector? Manufacturing is all about making things. Raw materials become products such as cars, computer chips, cell phones, contact lenses, cosmetics, couches, clothes, candy and more. Jobs range from production-line workers to executives in skyscrapers overseeing global operations. Manufacturing today needs people who understand highly technical information and can make complex decisions. Sound like you? If you want to “make it” in life, then this class is for you! Prerequisite: Algebra or Geometry

Welding
Course No: 7802 2 Credits
It’s not your grandfather’s factory anymore! Welding has been transformed by the high-tech revolution of the 21st century. Today’s welder understands highly technical information, has strong math and computer skills, is comfortable making complex decisions and finds creative solutions to workplace problems. If you like making things, can follow detailed instructions, are good at organizing people and processes, welding might be a good fit for you. Prerequisite: Algebra I

Advanced Welding
Course No: 7803 2 Credits
Course No: 7804 3 Credits
In addition to advancing skills and technologies learned in Welding, students will explore the characteristics of a successful employee pursing global manufacturing career opportunities.

Prerequisite: Algebra I or Geometry and Welding

Practicum in Manufacturing I
Course No: 7806 2 Credits
Course No: 7807 3 Credits
Prerequisite: Principles of Manufacturing

Practicum in Manufacturing II
Course No: 7808 2 Credits
Course No: 7809 3 Credits
Prerequisite: Manufacturing I
Designed to give supervised, practical application of previously studied knowledge and skills. Provides paid or unpaid practicum experience for students participating in a coherent sequence of courses in the manufacturing cluster. Students must provide their own transportation daily to and from the practicum site.

Manufacturing Engineering
Course No: 7805 2 Credits
Course No: 7810 3 Credits
Most people don’t think of those working in engineering careers as adventurers and explorers, but they’re wrong. These high tech workers are boldly going where no one has gone before. From the iPad in your pocket to personal computers in the school library, the things they discover and invent transform the way we live, work and play. You, too, can imagine, design and build a better world. Learn how to write programmable logic controls so that multiple robots can work together as a team! Gain knowledge and skill in the proper application of Manufacturing Engineering, the design of efficient manufacturing technology, and how production technology will prepare us for success in the global economy. Prerequisite: Algebra II, Computer Science I, and Physics

Problems and Solutions I: Manufacturing
Course No: 7971 1 Credit

Problems and Solutions II: Manufacturing
Course No: 7973 1 Credit
Get high school credit for solving real-world problems. This course offers students the opportunity to develop topical, research-based projects related to your career interests in Manufacturing. Use scientific methods of investigation to conduct in-depth research under the guidance of and input from professional and business mentors. Present findings to an audience that includes experts in your chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of the class.
Career and Technical Education

**BUSINESS & INDUSTRY ENDORSEMENT**

**Principles of Business, Marketing, and Finance**

Course No: 7301 1 Credit
Marketing is what you say and how you say it when you want to create a product, explain how awesome it is and why people should buy it. Marketing is a product or service idea, an ad, a brochure, a press release or even the way we get products. Today’s student also knows, in the world-wide-web of social media -- Facebook, Twitter, Google and Instagram -- EVERYTHING is marketing and MARKETING is everywhere. Future MBA’s and business executives build knowledge by examining the basic principles of marketing and finance, advertising and sales promotion, retailing and e-tailing, sports and entertainment, entrepreneurship, fashion marketing and marketing dynamics. Students use technology, communication and customer service skills in actual merchandising opportunities and supervised paid and unpaid internships to maximize marketing experiences.

**Advertising and Sales Promotion**

Course No: 7376 ½ Credit
Course No: 7371 1 Credit
Super Bowl commercials are the most expensive advertisements in the U. S. at 2.8 million dollars for 30 seconds! Study effective use in current advertising campaigns, including print, broadcast, and digital media. Explore the social, ethical and legal issues of advertising as well as the media decision processes. This class is fun and informative! **Prerequisite:** Principles of Business, Marketing, and Finance

**Sports and Entertainment Marketing**

Course No: 7377 ½ Credit
If you have a SPURS bumper sticker or wear a college logo T-shirt, you are involved in sports marketing. Students learn basic marketing strategies, including target marketing, sponsorship, event marketing, promotions, sponsorship proposals and implementation of sports and entertainment marketing plans. Go SPURS Go! **Prerequisite:** Principles of Business, Marketing, and Finance

**Retailing and E-tailing**

Course No: 7378 ½ Credit
Ever thought of creating your own web-based business in the privacy of your own home? Retailing and E-tailing may be just the class for you. Learn the advantages and disadvantages of an on-line business, coordinate on and off-line marketing and study electronic media techniques necessary to compete in a global economy. **Prerequisite:** Principles of Business, Marketing, and Finance

**Fashion Marketing**

Course No: 7379 ½ Credit
How do clothes reach the public after they are designed and constructed? That is where the Fashion Marketing team comes in. Fashion Marketing combines the elements of advertising, design and business administration, as well as a solid understanding of the fashion world, in order to transform new clothing lines into profitable, successful businesses. **Prerequisite:** Principles of Business, Marketing, and Finance

**Marketing Dynamics**

Course No: 7381 2 Credits
Course No: 7382 3 Credits
“How may I help you today?” Put your friendly, five-star customer service skills to good use in the school store - a real-world business setting. Discover the world of merchandising, purchasing, finance, marketing, management, pricing, product planning, promotion risk management, cashier and sales. “Thank you!” “Please come again soon!” **Recommended Prerequisite:** Principles of Business, Marketing, and Finance

**Practicum in Marketing Dynamics I**

Course No: 7383 2 Credits
Course No: 7384 3 Credits
**Prerequisite:** Marketing Dynamics

**Practicum in Marketing Dynamics II**

Course No: 7385 2 Credits
Course No: 7386 3 Credits
**Prerequisite:** Practicum in Marketing Dynamics I
Use appropriate management and research skills to create the marketing mix. This course covers technology, communication, and customer-service skills. It gives students supervised, practical training, and provides either paid or unpaid marketing experiences for students participating in a coherent sequence of education courses. Students must provide their own transportation daily to and from the practicum site.

**Problems and Solutions I:**

Marketing, Sales, and Service
Course No: 7971 1 Credit

**Problems and Solutions II:**

Marketing, Sales, and Service
Course No: 7973 1 Credit
Get high school credit for solving real-world problems. This course offers students the opportunity to develop topical, research-based projects related to your career interests in Marketing, Sales and Service. Use scientific methods of investigation to conduct in-depth research under the guidance of and input from professional and business mentors. Present findings to an audience that includes experts in your chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of the class.
Advanced Engineering Design & Presentation
Course No: 7827 1 Credit
Do you know the difference between an engineering technician, an engineering technologist, and an engineer? Learn the process of design as it applies to engineering fields using multiple software applications and tools. Investigate and work toward certifications that will help you determine which area of engineering is right for you. Prerequisite: Concepts of Engineering and Technology

Advanced Electronics
Course No: 7834 2 Credits
This class goes beyond consumer electronics. Think skills for commercial fire alarms, security, and sound system installations, among others! Advance skills learned in Electronics, plus explore career opportunities, employer expectations, and educational needs in the electronics industry. Prerequisite: Electronics

Advanced Engineering Design & Presentation
Course No: 7829 2 Credits
Course No: 7830 3 Credits
Thinking about an engineering or architecture major in college? You need this course! If you are entering the military and want to advance your career through the use of technology, you need this course! If you want to master computer software applications in a variety of engineering and technical fields, you need this course! In addition to advancing the information from Engineering Design and Presentation, students will explore career opportunities, employer expectations, and educational requirements in various engineering related jobs. Prerequisite: Engineering Design and Presentation

Electronics
Course No: 7831 1 Credit
Course No: 7832 2 Credits
When you think of electronics, iPads, iPhones, MP3 players, and PCs come to mind. Learn how personal devices work (or don’t), and how to use the design process to transfer academic skills to component designs in a project based environment. Use a variety of computer hardware and software applications to complete assignments and projects. Prerequisite: Concepts of Engineering and Technology

Principles of Technology
Course No: 7833 1 Credit
Science, technology, engineering, mathematics... they all come together in this class. You will conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Study a variety of topics including laws of motion, conservation of energy, momentum, electricity, magnetism, thermodynamics, and characteristics and behavior of waves. You will spend 40% or more of your time in a laboratory setting. Completion of this course may qualify you for a 4th year credit in science. Prerequisite: One unit of high school science and Algebra I

Advanced Electronics
Course No: 7834 2 Credits
Course No: 7835 3 Credits

Prerequisite: Concepts of Engineering & Technology and Electronics

Scientific Research and Design
Course No: 7839 1 Credit
Feel like a real scientist in training rather than just a high school student. More than 40% of your time will be spent in a laboratory or field work setting where you will make a planned and deliberate investigation of the natural world using methods of inquiry appropriate to the problem at hand. You may receive a fourth year science credit upon successful completion of the class. Prerequisite: One science credit

Engineering Design and Problem Solving
Course No: 7840 1 Credit
Want a class that stimulates your ingenuity, challenges your intellectual talents and taps into your common sense? Various engineering disciplines address a broad spectrum of design problems using specific math and science concepts to derive a solution. Emphasis is placed on problem solving, moving from the well-defined toward more open ended questions, with real-world applications. You may also be eligible for another science credit upon successful completion of the class! Prerequisite: Geometry, Algebra II, Chemistry and Physics

Practicum in Science, Technology, Engineering, and Mathematics I
Course No: 7841 2 Credits
Course No: 7842 3 Credits
Prerequisite: Sequence of courses in STEM courses

Practicum in Science, Technology, Engineering, and Mathematics II
Course No: 7843 2 Credits
Course No: 7844 3 Credits
Prerequisite: Practicum in Science, Technology, Practicum courses are designed to give students supervised practical application of previously studied knowledge and skills in the science, technology, engineering, and mathematics career cluster. It may be a paid or unpaid experience that takes place outside of the classroom. Students must provide their own transportation daily to and from the practicum site.

Bionics
Course No: 7850 1 Credit
We have been using bionics technology for over a century, ever since the Europeans began crossing breeding horses in the late 1900’s. However, this overview course includes current information on biotechnology, bioengineering, and related fields. Students will investigate the increasingly important agricultural, environmental, economic and political roles of bio-energy and biological remediation. Prerequisite: Concepts of Engineering & Technology
Career and Technical Education

Innovative Courses

Project Lead the Way (PLTW) offered only at Sam Houston High School

Intro to Engineering Design
Course No: 7855  1 Credit
In the hot Texas summer, wouldn’t it be nice to have a self-propelled lawnmower that guides itself, no pushing, pulling or plugging in? Students will use 3-D modeling software to design solutions to just these kinds of problems. Don’t worry that you might mow down your mother’s favorite flower or hit Dad’s truck while perfecting your design. Rather, concentrate on making a virtual machine, document your work using an engineer’s notebook and communicate your solutions to friends with a design and application process. Start here if you are a 9th or 10th grade student interested in a STEM career.

Principles of Engineering
Course No: 7856  1 Credit
If you are a 10th or 11th grade student ready for college level challenges, then Principles of Engineering is the class for you! Students will study mechanisms, energy, statics, and kinematics used in astrophysics to describe the motion of heavenly bodies. No time for star gazing, though, as you develop problem-solving skills and apply research knowledge and design to propose solutions to various engineering challenges.

Digital Electronics
Course No: 7857  1 Credit
iPad! iPhone! iPods! Apple Watch! If you want to design, develop, test or maintain the latest technological invention then a thorough understanding of digital electronics is required! 10th and 11th graders will be introduced to the process of combinational and sequential logic design, engineering standards and technical documentation.

Digital Design & Development
Course No: 7858  1 Credit
When you think of teams, what comes to mind—football? Baseball? Basketball? Engineering? In this class, teams of seniors work together to develop an original solution to an open-ended, technical problem. Students first research and define the problem then design, build and test a solution while working closely with industry professionals. Students present and defend an original solution to an outside panel of experts. For example, a student team in Wisconsin used the cool air outside to make refrigeration easier, reduce electricity and lower energy costs. Another team developed a portable water purification system and delivered it to residents in Haiti. What is your creative idea? Enroll in this class and find out!

Business & Industry Endorsement

Principles of Transportation, Distribution, and Logistics
Course No: 7864  ½ Credit
Course No: 7865  1 Credit
The “buy anywhere, sell everywhere” business strategy that guaranteed the “lowest prices at Walmart” has made Logistics a hot economic issue. Learn how history, laws, regulations and common practices used in the logistics of warehousing, transportation and technology contribute to lower operating costs. This is an eye-opening course for any consumer as well as an excellent introduction to career opportunities in this industry. By the way, did you know that warehouse supervisors make between $60,000 and $80,000 a year? Prerequisite: None

Energy, Power, and Transportation Systems
Course No: 7863  1 Credit
Trucks in the U.S. carry over 3/4 the value of freight and approximately 2/3 the weight! How does that impact me, the consumer? In this class, learn about the interaction between various vehicle systems, the logistics used to move goods, the components of transportation infrastructure and the increasing demand for employment in this career field. Prerequisite: Principles of Transportation, Distribution and Logistics

Collision Repair and Refinishing
Course No: 7866  1 Credit
Course No: 7867  2 Credits
Whether you want to fix your own “fender-bender” or learn to repair someone else’s, this is the class for you. In this course, you will learn the processes, technologies, and materials used in the reconstruction and alteration of vehicles. Prerequisite: None

Advanced Collision Repair and Refinishing
Course No: 7868  2 Credits
Course No: 7869  3 Credits
Auto body, anybody? You’ll consider career opportunities in this area as you improve the processes and techniques learned in Collision Repair and Refinishing. This course is taught by St. Philip’s College instructors at St. Philip’s College Southwest Campus. Prerequisite: Collision Repair and Refinishing
Students failing EOC exams may be placed in reading classes rather than electives in order to improve their reading and writing skills.
Technology Applications, AVID, Innovative

Technology Applications

Web Mastering
Course No. 6491
Concepts of web communication will be studied and explored. Students will design, develop, and maintain web pages using appropriate current editors and/or tagging languages. Students will demonstrate technical knowledge of the equipment and an ability to use a variety of input devices, file formats and transfer methods. Students will gain proficiency in the use of the various browsers used to navigate the web and will study connectivity issues as needed. Security and privacy issues, copyright infringement, trademarks and other legal issues relating to use of the web will be studied. Students will use appropriate search methods and applications to retrieve and evaluate information and use a variety of web communications. Career possibilities related to the internet and web design will be explored.

Multimedia
Course No. 6942
Multimedia is a course designed to allow students to gain the fundamentals of multimedia through a variety of authoring tools to design presentations and interactive media. Student will acquire the knowledge, skills and abilities in the deployment of text, graphics, audio recording, linear/non-linear authoring tools, 3-D modeling, animation, and video capturing. A multimedia development project is required as a final project.

Desktop Publishing
Course No. 6943
Desktop Publishing is a course designed to allow students to develop proficiency in using desktop publishing software to create a variety of printed publications. Students will incorporate journalistic principles in design and layout of print and web publications including integration of text and graphics and use hardware and software to develop and create quality materials for business related tasks. Students will incorporate the process of analyzing information and audience and choosing the appropriate visual signals to communicate the desired message effectively.

Digital Graphics
Course No. 6944
In the Digital Graphics course, students will use graphics, images, and/or video to create content-oriented productions. The media used within these productions will be developed, edited, or otherwise manipulated by the students. Final products should reflect multimedia elements, knowledge of design theory, effective use of productivity tools, and the conveyance of content rich information.

Computer Science Pre-AP
Course No. 2497
The Computer Science Pre-AP course will provide an introduction to the C++ language. The course covers the programming methodology with an emphasis on problem solving, algorithm development, data structures and C++ applications.
Prerequisite: Algebra I

Computer Science AP-A
Course No. 2499
The Computer Science AP-A course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions using Java programming language. Student will also be introduced to the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. Prerequisite: Computer Science Pre-AP.

AVID

Advancement Via-Individual Determination

AVID I
Course No. 8545
Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success. Students will work on academic and personal goals, communication skills, as well as the adjustment to the high school setting. The course will place an emphasis on analytical writing, focusing on personal goals and thesis writing. Students will learn to work in collaborative settings, practice participation in collegial discussions and use sources to support their ideas and opinions. College entrance and placement exams will be reviewed. All students will take an active role in field trip and guest speaker preparations and presentations. Other college research will include college-choice, college-cost as well as career interests. Prerequisite: None

AVID II
Course No. 8546
AVID II is a refinement of the constructs in AVID I. In this elective course, students will continue to refine and adjust their academic learning plans and goals as well as increase awareness of their actions and behaviors including academic time management and study skills. Students will expand their writing portfolio to include: analyzing prompts, supporting arguments and claims, character analysis, and detailed reflections. Students will participate in collaborative discussions and develop leadership skills in academic groupings. As part of the course, students will expand their vocabulary use and continue preparation for college entrance exams and course work. Lastly, students will narrow down their college choices based on personal interests and goals. Prerequisite: None

AVID III
Course No. 8547
The AVID III course emphasizes rhetorical reading, analytical writing, collaborative discussion strategies, tutorial inquiry study groups, preparation for college entrance and placement exams, college study skills and test-taking strategies, note-taking and research. This course is the first part of a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies and tasks that should be undertaken during the junior year to support students as they apply to four-year universities and confirm their postsecondary plans. Prerequisite: None

AVID IV
Course No. 8550
AVID IV emphasizes rhetorical reading, analytical writing, collaborative discussion strategies, tutorial inquiry study groups, preparation for college entrance and placement exams, college study skills and test-taking strategies, note-taking and research. This course is the second part of a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. Students will complete a final research essay project from research conducted in their junior year in AVID. In addition to the academic focus of the AVID senior seminar, there are college-bound activities, methodologies and tasks that should be achieved during the senior year that support students as they apply to four-year universities and confirm their postsecondary plans. All AVID seniors are required to develop and present a portfolio representing their years of work in the AVID program, as well as complete the requirements for the seminar course. Prerequisite: None

Students failing EOC exams may be placed in reading classes rather than electives in order to improve their reading and writing skills.
Innovative Courses

Teen Leadership 1  ½ credit
Course No:  8512
This course emphasizes leadership, personal responsibility and business skills. Students will learn appropriate and effective techniques necessary to enhance self-concept and build healthy relationships. Students will experience the opportunity of understanding emotional intelligence through self-awareness, self-control, self-motivation, and social skills. This course provides a forum for public speaking, communication and personal image. Students acquire an understanding of principle-based decision making and the effects of peer pressure.

Teen Leadership 2  1 Credit
Course No:  8543
This course is the semester long extension of Teen Leadership 1 and builds on the emphasis of leadership, personal responsibility and business skills. Students will continue to learn appropriate and effective techniques necessary to enhance self-concept and build healthy relationships. Students will experience more complex opportunities of understanding emotional intelligence through self-awareness, self-control, self-motivation, and social skills. This course provides a forum for public speaking, communication and personal image. Students acquire an understanding of principle-based decision making and the effects of peer pressure.

PALS  1 Credit
Course No:  8541 (I)
The Peer Assistance and Leadership Program (PAL) is a peer helping program in which selected high schools students are trained to work as peer helpers with students on their own campus, and/or feeder middle and elementary schools. Students have a chance to learn about themselves, clarify their values, strengthen their caring about others, as well as learn ways to make positive impacts on those around them. **Prerequisites:** Students must complete an application, submit recommendations, and schedule and successfully complete an interview with the PALS sponsor.

PALS II
Course No:  8542
The Peer Assistance and Leadership Program (PAL) II is an extension of PALS I, the peer helping program in which selected high schools students are trained to work as peer helpers with students on their own campus, and/or feeder middle and elementary schools. Students have a chance to learn about themselves, clarify their values, strengthen their caring about others, as well as learn ways to make positive impacts on those around them. PALS II provides a variety of advanced peer assistance service delivery options for students. **Prerequisites:** Students must successfully complete PALS I, complete an application, submit recommendations, and schedule and successfully complete an interview with the PALS sponsor.

Octathlon  0 Credit
Course No:  8714
Academic Octathlon is an elective for freshmen and sophomores who wish to compete in eight academic areas: art, language/literature, social science, science, mathematics, economics, music and Super Quiz. The Super Quiz event is an oral relay over all subjects. Students will also take an essay based exam on the assigned literature and theme content of materials provided for the Texas Academic Decathlon. The team is composed of nine students: three students with ‘A’ averages, three with ‘B’ averages and three with ‘C’ averages. If a student competes in Octathlon, he/she cannot participate in Decathlon.

Academic Decathlon  1 Credit
Course No:  4712
The Academic Decathlon team consists of a prestigious group of students who collaborate to prepare for and be tested over ten academic events. Students will learn to apply the knowledge and skills of a variety of topics and issues. Each year, the national Academic Decathlon competition specifies a curriculum for an identified historical period and/or theme, including social science, economics, history, music, art, mathematics, science, literature and Super Quiz. The Super Quiz event is an oral relay over all subjects. Students are required to take written exams in each of the areas previously mentioned as well as participate in interviews, essay-writing, and prepared speech events. The team is composed of nine students: three students with ‘A’ averages, three with ‘B’ averages and three with ‘C’ averages.
Special Education

ALC English 1 1 Credit
Course No: 9511
This course is designed to teach students in a way that they will demonstrate the ability to understand and analyze a variety of written texts across reading genres to confirm word meaning when reading. Alternate content addresses individual needs of students’ through the TEKS based “essence” statements. Prerequisite: ARD/IEP recommendation.

ALC English 2 1 Credit
Course No: 9512
This course is designed to teach the students in a way that they will demonstrate the ability to understand and analyze literary text across reading genres to identify the elements of fiction and non-fiction. Alternate content addresses individual needs of students’ through the TEKS based “essence” statements. Prerequisite: ARD/IEP recommendation and ALC English 1.

ALC English 3 1 Credit
Course No: 9513
This course is designed to teach the students in a way that they will demonstrate an ability to understand and analyze informative texts across reading genres to draw conclusions. Alternate content addresses individual needs of students’ through the TEKS based “essence” statements. Prerequisite: ARD/IEP recommendation and ALC English 1, 2.

ALC English 4 1 Credit
Course No: 9514
This course is designed to teach students in a way that they will demonstrate an understanding and ability to revise a variety of written text across reading genres as they relate to everyday living experiences. Alternate content addresses individual needs of students’ through the TEKS based “essence” statements. Prerequisite: ARD/IEP recommendation and ALC English 1, 2, 3.

ALC Read 1 1 Credit
Course No: 9501
This course is designed to provide intensive reading intervention for students focusing on accuracy and fluency as a basis for comprehension. Instruction includes word-attack skills; phonemic awareness; sound-symbol identification; sounding out regular and irregular words; and sentence reading. Alternate content addresses individual needs of students’ through the TEKS based “essence” statements. Prerequisite: ARD/IEP recommendation.

ALC Read 2 1 Credit
Course No: 9502
This course is designed to provide intensive reading intervention for students focusing on accuracy and fluency as a basis for comprehension. Instruction includes decoding strategies for multi-syllabic words; sound/letter combinations; word endings; story reading; literal and inferential comprehension. Alternate content addresses individual needs of students’ through the TEKS based “essence” statements. Prerequisite: ARD/IEP recommendation.

ALC Read 3 1 Credit
Course No: 9503
This course is designed to provide intensive reading intervention for students with a focus on accuracy and fluency as a basis for comprehension. Instruction includes multisyllabic word reading, skill applications, sound combinations, affixes, vocabulary development, reading expository text for understanding, recall of events, sequencing, and rate building. Alternate content addresses individual needs of students’ through the TEKS based “essence” statements. Prerequisite: ARD/IEP recommendation.

ALC Algebra 1 1 Credit
Course No: 9521
This course is designed to teach the students functional relationships in a variety of ways to include a basic understanding of functions; using properties and attributes of functions, and understanding different representations of linear functions. Alternate content addresses individual needs of students’ through the TEKS based “essence” statements. Prerequisite: ARD/IEP recommendation and ALC English 1, 2, 3.

ALC Geometry 1 Credit
Course No: 9522
This course is designed to teach the students standards of geometry through essence statement that relates to everyday functional living experience in the context of a real-world problem. Alternate content addresses individual needs of students’ through the TEKS based “essence” statements. Prerequisite: ARD/IEP recommendation.

ALC Math Models 1 Credit
Course No: 9523
This course is designed to strengthen students’ understanding of algebraic reasoning through a variety of mathematical experiences to describe and explore real-world situations. Students use mathematical methods to model and solve real-life applied problems involving money, data, chance, patterns, music, design, and science. Alternate content addresses individual needs of students’ through the TEKS based “essence” statements. Prerequisite: ARD/IEP recommendation.

ALC Math 4 (Local Credit) 1 Credit
Course No: 9524
This course is designed to provide explicit instruction in basic functional mathematical skills and concepts for relating problem solving to real life situations. Skills include whole numbers computations, fractions, measurement, money, time, place value, geometry, estimation and calculator use. Prerequisite: ARD/IEP recommendation.
This course is designed to teach students practical applications of topics that focus on essential health issues and scientific concepts which are necessary for employment and independent living, such as: personal safety, physical and psychological needs, first aid, diseases and prevention, self-advocacy, ecology, body systems, classification systems, household chemistry, function of plants and animals; energy transfers in living systems; and genetic traits. Alternate content addresses individual needs of students’ through the TEKS based “essence” statements. 

**Prerequisite:** ARD/IEP recommendation.

**Course No:** 9541

**ALC World History**

This course is designed to teach students basic skills relating to timelines of events, cause and effect, and to people and cultures within the school, community, and work. Experiences include community-based instruction and local bus training. Alternate content addresses individual needs of students’ through the TEKS based “essence” statements. 

**Prerequisite:** ARD/IEP recommendation.

**Course No:** 9542

**ALC World Geography**

This course is designed to teach students practical applications of topics that focus on essential health issues and scientific concepts which are necessary for employment and independent living, such as: personal safety, physical and psychological needs, first aid, diseases and prevention, self-advocacy, ecology, body systems, classification systems, household chemistry, function of plants and animals; energy transfers in living systems; and genetic traits. Alternate content addresses individual needs of students’ through the TEKS based “essence” statements. 

**Prerequisite:** ARD/IEP recommendation.

**Course No:** 9531

**ALC Biology**

This course is designed to teach students practical applications of topics that focus on essential health issues and scientific concepts which are necessary for employment and independent living, such as: personal safety, physical and psychological needs, first aid, diseases and prevention, self-advocacy, ecology, body systems, classification systems, household chemistry, function of plants and animals; energy transfers in living systems; and genetic traits. Alternate content addresses individual needs of students’ through the TEKS based “essence” statements. 

**Prerequisite:** ARD/IEP recommendation.

**Course No:** 9532

**ALC IPC**

This course is designed to provide Students study the disciplines of physics and chemistry including force, motion, energy, and matter through laboratory and field investigations, using scientific methods, critical thinking and problem solving. Alternate content addresses individual needs of students’ through the TEKS based “essence” statements. 

**Prerequisite:** ARD/IEP recommendation.

**Course No:** 9533

**ALC Environmental Systems**

This course is designed to teach students skills involved in sanitation, medication, chemical mixtures and reactions, and relating basic science to employment and independent living practices and experience community-based instruction. Alternate content addresses individual needs of students’ through the TEKS based “essence” statements. 

**Prerequisite:** ARD/IEP recommendation.

**Course No:** 9544

**ALC Government**

This course is designed to teach students about self-advocacy and the qualities of good citizenship will be emphasized. Attention is given to registering for services with governmental agencies, and to 18-year-old male students registering for selective services. The option to register to vote will be afforded to all eligible students. Experiences include community-based instruction. Alternate content addresses individual needs of students’ through the TEKS based “essence” statements. 

**Prerequisite:** ARD/IEP recommendation.

**Course No:** 9545

**ALC Economics**

This course is designed to allow students to demonstrate skills relating to banking, purchasing goods and services, and general money management. Accessing consumer and emergency services is explored through community-based instruction. Alternate content addresses individual needs of students’ through the TEKS based “essence” statements. 

**Prerequisite:** ARD/IEP recommendation.

**Course No:** 9546

**ALC Communication Application**

This course is designed to introduce the student to the various art forms and to develop an appreciation for history of art. Students will have the opportunity to display their products at various school activities. Alternate content addresses community-based instruction and local bus training. Alternate content addresses individual needs of students’ through the TEKS based “essence” statements. 

**Prerequisite:** ARD/IEP recommendation.

**Course No:** 9571

**ALC Health**

This course is designed to address personal behavior to wellness health issues including nutrition, personal hygiene, the proper use of personal medications, emotions and behavior, alcohol, drugs, tobacco, CPR, sex education, and safety. Alternate content addresses individual needs of students’ through the TEKS based “essence” statements. 

**Prerequisite:** ARD/IEP recommendation.

**Course No:** 9552

**ALC Technology (Local Credit)**

This course continues to emphasize development of skills necessary for placement in a work setting. Independent, cooperative, and group activities are provided in a combination of school and community-based vocational instructional settings. 

**Prerequisite:** ARD/IEP recommendation.

**Course No:** 9553

**ALC CBVI 1 (Local Credit)**

This course is designed to allow students to demonstrate skills in self-advocacy, communication at home, school, and work and in the community. Experiences include community-based instruction and local bus training. Alternate content addresses individual needs of students’ through the TEKS based “essence” statements. 

**Prerequisite:** ARD/IEP recommendation.

**Course No:** 9621 (2 Credits), 9622 (3 Credits)

**ALC CBVI 2 (Local Credit)**

This course is designed to teach students about the interaction of people and cultures with their environment. Attention is given to directions, the interaction of people and cultures within the school, community, and the world. Experiences include community-based instruction and local bus training. Alternate content addresses individual needs of students’ through the TEKS based “essence” statements. 

**Prerequisite:** ARD/IEP recommendation.

**Course No:** 9623 (2 Credits), 9624 (3 Credits)

**Special Education**
Special Education

ALC CBVI 3 (Local Credit)
Course No: 9625 (2 Credits), 9626 (3 Credits)
This course continues to emphasize development of skills necessary for placement in a work setting. Independent, cooperative, and group activities are provided in a combination of school and community-based vocational instructional settings.
Prerequisite: ARD/IEP recommendation.

ALC District Internship 1(Local Credit)  1 Credit
Course No: 9631 (Year 1), 9632 (Year 2)
This course provides students with independent work skills in preparation for future community-based vocational instruction and/or other work settings such as a sheltered workshop. Activities are provided for the student’s use of SAISD facilities, materials, persons, and /or tasks at district departments. Prerequisite: ARD/IEP recommendation.

ALC Vocational Internship 1 (Local Credit)
Course No: 9633 (1 credit), 9634 (2 credits), 9635 (3 credits)
This course assists students in making a smooth transition from academic pursuits to employment in a non-paid or paid vocational internship setting outside of SAISD. Students experience how academics are utilized in a work setting and apply personal skills. Employability skills are emphasized. Prerequisite: ARD/IEP recommendation.

ALC Vocational Internship 2 (Local Credit)
Course No: 9636 (1 Credit), 9637 (2 credits), 9638 (3 credits)
This course assists students in making a smooth transition from academic pursuits to employment in a non-paid vocational internship setting outside of SAISD. Students experience how academics are utilized in a work setting and apply personal skills. Employability skills are emphasized. Prerequisite: ARD/IEP recommendation.

ALC Pre Vocational 1,2 (Local Credit)  1 credit
Course No: 9641 (Year 1), 9472 (Year 2)
This course provides students with special work programs if they want to acquire basic skills related to getting and keeping a job. Emphasis is placed on identification of personal preferences and interests, the development of skills for employment including job search, job placement and job retention. Some job shadowing may be appropriate. Prerequisite: ARD/IEP recommendation.

ALC Vocational Skills 1,2,3,4,5,6  1 Credit (Local Credit)
Course No: 9643 (Year 1), 9644 (Year 2), 9645 (Year 3), 9646 (Year 4), 9647 (Year 5), 9648 (Year 6)
This course is designed to provide students with work skills in preparation for future community-based vocational instruction and/or other work settings such as a sheltered workshop. Skills targeted may include assembly, pricing, labeling, folding, and stuffing, Stapling, dusting, sweeping, mopping, sorting, pick-up and delivery of items, filing and cleaning tabletops. Social skills will also be an integral component of this course. Activities include In-school business partnerships and on-campus jobs. Some job shadowing may be appropriate. Prerequisite: ARD/IEP recommendation.

ALC Recreation & Leisure Skills 1,2,3,4  1 Credit (Local Credit)
Course No: 9651 (Year 1), 9652 (Year 2), 9653 (Year 3), 9654 (Year 4)
This course is designed to enable students to engage in enjoyable recreational activities independently and with others. Specific recreation and leisure time activities with family and friends are taught as well as social skills such as cooperation, communication, and good sportsmanship. Experiences may include community-based instruction and local bus training. Prerequisite: ARD/IEP recommendation.

ALC Domestic Skills 1, 2,3,4 (Local Credit)  1 Credit
Course No: 9661 (Year 1), 9662 (Year 2), 9663 (Year 3), 9664 (Year 4)
This course is designed to enable students to learn and demonstrate basic cooking, housekeeping, laundry, personal safety, and self-care. The courses are taught through a combination of school and community-based activities. Prerequisite: ARD/IEP recommendation.

ALC Life Skills 1,2,3, (Local Credit)  1 Credit
Course No: 9665 (Year 1), 9666 (Year 2), 9667 (Year 3), 9668 (Year 4)
This course is designed for students who require a highly structured, consistent, small group setting. An alternate curriculum incorporating a variety of areas such as domestic, recreation and leisure, functional academics, self care, vocational, and community will be used to meet the individual needs of the students. Prerequisite: ARD/IEP recommendation.

ALC Life Skills 1,2,3, 4,5,6  1 Credit (Local Credit)
Course No: 9671 (1 Credit), Course No: 9673 (3 Credits), Course No: 9675 (5 Credits), Course No: 9672 (2 Credits), Course No: 9674 (4 Credits), Course No: 9676 (6 Credits)
Students experience how academics are utilized in a work setting and to apply personal skills. Learning to self-discipline is explored in the context of interpersonal skill development and self-awareness along with self-initiative, follow through, and best effort. Employability skills are emphasized. Prerequisite: ARD/IEP recommendation.

ALC VAC1 (Local Credit)
Course No: 9671 (1 Credit), Course No: 9673 (3 Credits), Course No: 9675 (5 Credits) Course No: 9672 (2 Credits), Course No: 9674 (4 Credits) Course No: 9676 (6 Credits)
This course will assist students in making a smooth transition for academic pursuits to employment. Areas addressed include: skills and interests; job performance evaluations; positive, productive work experiences; work ethics and job attitudes; co-worker, supervisor, and customer relationships; safety; decision making; fiscal responsibility; corrective feedback or criticism; and collaboration. Prerequisite: ARD/IEP recommendation

ALC VAC2 (Local Credit)
Course No: 9681 (1 Credit), Course No: 9684 (4 Credits), Course No: 9687 (7 Credits), Course No: 9682 (2 Credits), Course No: 9685 (5 Credits) Course No: 9683 (3 Credits), Course No: 9686 (6 Credits)
This course will address students in making a smooth transition for academic pursuits to employment. Areas addressed include: skills and interests; job performance evaluations; positive, productive work experiences; work ethics and job attitudes; co-worker, supervisor, and customer relationships; safety; decision making; fiscal responsibility; corrective feedback or criticism; and collaboration. Prerequisite: ARD/IEP recommendation

ALC VAC3 (Local Credit)
Course No: 9691 (1 Credit), Course No: 9694 (4 Credits), Course No: 9697 (7 Credits), Course No: 9692 (2 Credits), Course No: 9695 (5 Credits), Course No: 9693 (3 Credits), Course No: 9696 (6 Credits)
This course addresses employment skills through successful employment in paid vocational settings. Learning to self-discipline is explored in the context of interpersonal skill development and self-awareness along with self-initiative, follow through. Prerequisite: ARD/IEP recommendation

ALC Community Based Exp 1,2,3,4  1 Credit
Local Credit
Course No: 9611 (Year 1), 9612 (Year 2), 9613 (Year 3), 9614 (Year 4)
This course is designed to enable students to engage in successfully accessing the community. It includes basic map skills, bus-riding skills, safety skills, locating activities and places in the school, neighborhood, city, and state. Content is geared to individual needs of students. Prerequisite: ARD/IEP Committee Recommendation

ALC AVYP  (Local Credit)  1 Credit
Course No: 9701 (Year 1), Course No: 9702 (Year 2), Course No: 9703 (Year 3), Course No: 9704 (Year 4)
Students are enrolled in the Adult Years Vocational Program to continue transition on Post-Secondary goals as outlined in the student’s individual education plan (IEP). Prerequisite: ARD/IEP recommendation
Credit Recovery/Advancement Opportunities
There are several options for students to recover credits due to failure or to advance in credits.

The SAISD Learning Lab is intended to provide a vehicle for 10th - 12th grade students who have not been successful in earning credits needed for graduation in a traditional classroom setting with an alternative instructional web-based software program that provides core content and some electives aligned with the TEKS. These courses are facilitated by certified, licensed teachers and are generally taken during the instructional day as scheduled by the students' counselor.

SAISD offers the following:

- Summer School
- Credit by Exam
- Credit Retrieval

Courses currently offered for students to recover credits due to failure are:

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For more information and to plan your credit recovery or advancement, speak to your school counselor.

SAISD Advanced Placement (AP) Course Offering List

<table>
<thead>
<tr>
<th>Subject</th>
<th>Courses</th>
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<tbody>
<tr>
<td>English</td>
<td>English Language and Composition</td>
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<tr>
<td>Math</td>
<td>Calculus AB</td>
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<tr>
<td>Science</td>
<td>Physics 1</td>
</tr>
<tr>
<td>Social Studies</td>
<td>Human Geography</td>
</tr>
<tr>
<td></td>
<td>World History</td>
</tr>
<tr>
<td></td>
<td>US History</td>
</tr>
<tr>
<td></td>
<td>European History</td>
</tr>
<tr>
<td></td>
<td>US Government and Politics</td>
</tr>
<tr>
<td></td>
<td>Macroeconomics</td>
</tr>
<tr>
<td></td>
<td>Microeconomics</td>
</tr>
<tr>
<td>Foreign Languages</td>
<td>Spanish Language</td>
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<tr>
<td></td>
<td>French Language</td>
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<td>German Language</td>
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<td></td>
<td>Chinese Language</td>
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<tr>
<td></td>
<td>Japanese Language</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>Art 2D</td>
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<td>Art 3D</td>
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<td>Art Draw</td>
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<td></td>
<td>Art History</td>
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<td></td>
<td>Music Theory</td>
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RESOURCES

- High School CTE Endorsements
- 4 Year Plan Template

It is the policy of The San Antonio Independent School District not to discriminate on the basis of race, color, national origin, sex, or handicap in its Career & Technology (vocational) Education programs, services, or activities as required by VI of the Civil Right Act of 1964, as amended; Title IX of the Educational Amendments of 1972; section 504 of the Rehabilitation Act of 1973, as amended.

The San Antonio Independent School District will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.
<table>
<thead>
<tr>
<th>Period</th>
<th>9th</th>
<th>10th</th>
<th>11th</th>
<th>12th</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>English I</td>
<td>English II</td>
<td>English III</td>
<td>4th Year English</td>
</tr>
<tr>
<td>2</td>
<td>Algebra I</td>
<td>Geometry</td>
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</tr>
<tr>
<td>3</td>
<td>IPC/Biology</td>
<td>Biology/Chemistry</td>
<td>Chemistry/Physics</td>
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</tr>
<tr>
<td>4</td>
<td>World Geography</td>
<td>World History</td>
<td>U. S. History</td>
<td>Government / Economics</td>
</tr>
<tr>
<td>5</td>
<td>PE/PE Sub./Elective</td>
<td>LOTE I</td>
<td>LOTE II</td>
<td>Elective</td>
</tr>
<tr>
<td>6</td>
<td>Dollars &amp; Sense</td>
<td>Fine Arts/Elective</td>
<td>Endorsement/Elective</td>
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<td>7</td>
<td>Elective</td>
<td>Endorsement/Elective</td>
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**ENDORSEMENTS**

<table>
<thead>
<tr>
<th>Certifications</th>
<th>1st course</th>
<th>2nd course</th>
<th>3rd course</th>
<th>4th course</th>
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<tbody>
<tr>
<td>STEM</td>
<td>Algebra I or Alg I Pre-AP OR Geometry Pre-AP</td>
<td>Geometry or Pre-AP or Algebra II Pre-AP</td>
<td>Algebra II or Pre-AP or Pre-Calculus Pre-AP</td>
<td>Pre-Cal or Pre-AP or AQR or Calculus AB or AP Statistics</td>
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<tr>
<td>STEM</td>
<td>Biology</td>
<td>Chemistry</td>
<td>Physics</td>
<td>2 Advanced Science</td>
</tr>
<tr>
<td>Business &amp; Industry</td>
<td>OSHA 10-Hour, Microsoft Certified Application Specialist (MCAS), Adobe-Dreamweaver</td>
<td>Principles of Business, Marketing &amp; Finance (1 credit)</td>
<td>Money Matters (1 credit)</td>
<td>Virtual Business (1 credit) or Web Technologies (1 credit)</td>
</tr>
<tr>
<td>Business &amp; Industry</td>
<td>OSHA 10-Hour</td>
<td>Principles of Hospitality (.5 or 1 credit)</td>
<td>Restaurant Management (.5 credit) and Lifetime Nutrition (.5 credit)</td>
<td>Culinary Arts I Practicum (2 credits) or Culinary Arts (1 credit)</td>
</tr>
<tr>
<td>Business &amp; Industry</td>
<td>ServSafe, OSHA 10-Hour</td>
<td>Principles of Arts, Audio/Video Technology (1 credit)</td>
<td>Audio/Video Production (1 credit) or Animation (1 credit)</td>
<td>Advanced Audio/Video Production (2 credits) or Advanced Animation (2 credits)</td>
</tr>
<tr>
<td>Business &amp; Industry</td>
<td>MAGNET</td>
<td>Advanced Audio/Video Production I Practicum (2 credits)</td>
<td>Adv. Fashion Design (2-3 credits)</td>
<td>Fashion Design Practicum (2-3 credits)</td>
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## Endorsements

### Public Service

<table>
<thead>
<tr>
<th>Certifications</th>
<th>1st course</th>
<th>2nd course</th>
<th>3rd course</th>
<th>4th course</th>
</tr>
</thead>
<tbody>
<tr>
<td>JROTC I</td>
<td>Cosmetology, Operator and/or Manicurist and/or Esthetician Specialty License, OSHA 10-Hour</td>
<td>Principles of Human Services (1 credit)</td>
<td>Cosmetology I (2 credits)</td>
<td>Human Services I Practicum - Cosmetology (2 credits)</td>
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<tr>
<td>JROTC II</td>
<td>Law Enforcement I (1-2 credits)</td>
<td>Law Enforcement II (1-2 credits)</td>
<td>Law, Public Safety, Corrections &amp; Security I Practicum (2 credits) and/or Forensic Science (1 credit)</td>
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<tr>
<td>JROTC III</td>
<td>Instructional Practices in Education &amp; Training (2 credits)</td>
<td>Education &amp; Training I Practicum (2 credits)</td>
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<tr>
<td>JROTC IV</td>
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### Public Service

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<thead>
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<th>3rd course</th>
<th>4th course</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Aid/CPR, CareerSafe Awareness</td>
<td>Principles of Education &amp; Training (.5 -1 credit)</td>
<td>Human Growth &amp; Development (1 credit)</td>
<td>Instructional Practices in Education &amp; Training (2 credits)</td>
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### Arts & Humanities

<table>
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<tbody>
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<td>Art I</td>
<td>Art II</td>
<td>Art III</td>
<td>Art IV</td>
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<tr>
<td>Theater Arts I</td>
<td>Theater Arts II</td>
<td>Theater Arts III</td>
<td>Theater Arts IV</td>
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<td>Choir I</td>
<td>Choir II</td>
<td>Choir III</td>
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<tr>
<td>Marching Band I</td>
<td>Marching Band II</td>
<td>Marching Band III</td>
<td>Marching Band IV</td>
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<tr>
<td>Orchestra I</td>
<td>Orchestra II</td>
<td>Orchestra III</td>
<td>Orchestra IV</td>
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<tr>
<td>Mariachi I</td>
<td>Mariachi II</td>
<td>Mariachi III</td>
<td>Mariachi IV</td>
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</tr>
<tr>
<td>Jazz Band I</td>
<td>Jazz Band II</td>
<td>Jazz Band III</td>
<td>Jazz Band IV</td>
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<tr>
<td>Dance I</td>
<td>Dance II</td>
<td>Dance III</td>
<td>Dance IV</td>
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<td>Spanish I</td>
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<td>French I</td>
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<td>German I</td>
<td>German II</td>
<td>German III</td>
<td>German IV</td>
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<td>Chinese I</td>
<td>Chinese II</td>
<td>Chinese III</td>
<td>Chinese IV</td>
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<tr>
<td>Russian I</td>
<td>Russian II</td>
<td>Russian IV</td>
<td>Russian IV</td>
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</table>

(one of the following)
- 2 levels each in two languages other than English (LOTE)
- 4 levels in the same LOTE
- Courses from one or two areas (music, theater, art, dance) in fine arts
- English electives not included in Business and Industry
- Social Studies
- American Sign Language (ASL)

### Multidisciplinary

(one of the following)
- 4 advanced courses from other endorsement areas
- 4 credits in each foundation subject area, including English IV and chemistry and/or physics
- 4 credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, LOTE or fine arts
### Burbank High School 2015-2016
Distinguished Level of Achievement Class of 2018, 2019 & 2020 Graduation Plan

<table>
<thead>
<tr>
<th>Period</th>
<th>9th</th>
<th>10th</th>
<th>11th</th>
<th>12th</th>
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</thead>
<tbody>
<tr>
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<td>Geometry</td>
<td>Algebra II</td>
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<tr>
<td>3</td>
<td>IPC/Biology</td>
<td>Biology/Chemistry</td>
<td>Chemistry/Physics</td>
<td>4th Year Science/Physics</td>
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<tr>
<td>4</td>
<td>World Geography</td>
<td>World History</td>
<td>U. S. History</td>
<td>Government / Economics</td>
</tr>
<tr>
<td>5</td>
<td>PE/PE Sub./Elective</td>
<td>LOTE I</td>
<td>LOTE II</td>
<td>Elective</td>
</tr>
<tr>
<td>6</td>
<td>Dollars &amp; Sense</td>
<td>Fine Arts/Elective</td>
<td>Endorsement/Elective</td>
<td>Endorsement/Elective</td>
</tr>
<tr>
<td>7</td>
<td>Elective</td>
<td>Endorsement/Elective</td>
<td>Endorsement/Elective</td>
<td>Endorsement/Elective</td>
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<tr>
<td>8</td>
<td>Endorsement Elective</td>
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<td>Endorsement Elective</td>
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### Endorsements

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<th>Endorsements</th>
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<th>4th course</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEM</td>
<td></td>
<td>Algebra I or Alg I Pre-AP</td>
<td>Geometry or Pre-AP</td>
<td>Algebra II or Pre-AP</td>
<td>Pre-Cal or Pre-AP or AQR or Calculus AB or AP Statistics</td>
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<tr>
<td>STEM</td>
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<td>Geometry Pre-AP</td>
<td>Algebra II Pre-AP</td>
<td>Pre-Calculus Pre-AP</td>
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</tr>
<tr>
<td>Business &amp; Industry</td>
<td>MAGNET</td>
<td>OSHA 10-Hour, Floral Design</td>
<td>Principles of Agriculture, Food &amp; Natural Resources (1 credit) or Freshmen Seminar (1 credit)</td>
<td>Livestock Production (1 credit)</td>
<td>Veterinary Medical Applications (1 credit)</td>
</tr>
<tr>
<td>Business &amp; Industry</td>
<td>Microsoft Office Specialist (MOS), OSHA 10-Hour</td>
<td>Principles of Business, Marketing &amp; Finance (1 credit) or Freshmen Seminar (1 credit)</td>
<td>Livestock Production (1 credit)</td>
<td>Small Animal Management (1 credit)</td>
<td>Veterinary Science Practicum (2-3 credits)</td>
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<tr>
<td>Business &amp; Industry</td>
<td>OSHA 10-Hour, ProStart</td>
<td>Freshmen Seminar (1 credit)</td>
<td>Principles &amp; Elements of Floral Design (1 credit)</td>
<td>Horticulture Science (1 credit) and/or Adv. Plant &amp; Soil Science (1 Science credit)</td>
<td>Advanced Animal Science (1 credit) and Business Management (1 credit)</td>
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<tr>
<td>Business &amp; Industry</td>
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<td>Lifetime Nutrition &amp; Wellness (.5 credit) and Principles of Hospitality and Tourism (1 credit)</td>
<td>Agriculture Mechanics &amp; Metal Technologies (1 credit)</td>
<td>Agriculture Facilities Design &amp; Fabrication (1-2 credits) and/or Agriculture Power Systems (2 credits)</td>
<td>Agriculture, Food &amp; Natural Resources I Practicum (2 credits)</td>
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<td>Business &amp; Industry</td>
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<td>Digital &amp; Interactive Media (1 credit)</td>
<td>Web Technologies (1 credit)</td>
<td>Animation (1-2 credits)</td>
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<td>Business &amp; Industry</td>
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<td>Hospitality Services I Practicum (2-3 credits) and/or Food Science (1 credit)</td>
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<tr>
<td>Endorsements</td>
<td>Certifications</td>
<td>1st course</td>
<td>2nd course</td>
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</tr>
<tr>
<td>Business &amp; Industry</td>
<td>OSHA 10-Hour</td>
<td>Energy, Power &amp; Transportation Systems (1 credit) or Freshmen Seminar (1 credit)</td>
<td>Auto Technology (1-2 credits)</td>
<td>Advanced Auto Technology (2-3 credits)</td>
<td>Transportation, Distribution &amp; Logistics I Practicum (2-3 credits)</td>
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<tr>
<td>Public Service</td>
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<tr>
<td>JROTC I</td>
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<td>JROTC II</td>
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<td>JROTC II</td>
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<td>JROTC III</td>
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<td>JROTC IV</td>
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<tr>
<td>Public Service</td>
<td>OSHA 10-Hour</td>
<td>Principles of Law, Public Safety, Corrections, and Security (1 credit) or Freshmen Seminar (1 credit)</td>
<td>Law Enforcement I (1-2 credits)</td>
<td>Law Enforcement II (1-2 credits)</td>
<td>Forensic Science (1 credit) and/or Law, Public Safety, Corrections &amp; Security I Practicum (2-3 credits)</td>
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<td>Public Service</td>
<td>Cosmetology, Operator and/or Manicurist and/or Esthetician Specialty License, OSHA 10-Hour</td>
<td>Freshmen Seminar (1 credit) or Intro. Cosmetology (1 credit)</td>
<td>Cosmetology I (2-3 credits)</td>
<td>Cosmetology II (2-3 credits)</td>
<td>Human Services Practicum-Cosmetology (2-3 credits)</td>
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<td>Multidisciplinary</td>
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<td>(one of the following)</td>
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<tr>
<td>Multidisciplinary</td>
<td></td>
<td>2 levels each in two languages other than English (LOTE)</td>
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<tr>
<td>Multidisciplinary</td>
<td></td>
<td>4 levels in the same LOTE</td>
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<td>English electives not included in Business and Industry</td>
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<tr>
<td>Multidisciplinary</td>
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<td>Social Studies</td>
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<tr>
<td>Multidisciplinary</td>
<td></td>
<td>American Sign Language (ASL)</td>
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<tr>
<td>Career Development (Course does not qualify as an endorsement requirement)</td>
<td>OSHA 10-Hour</td>
<td>Available to students in all Programs of Study: Course requires students to have a valid social security # and remain employed throughout the duration of the year-long course.</td>
<td>Career Preparation I (2-3 credits)</td>
<td>Career Preparation II (2-3 credits)</td>
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## Edison High School 2015-2016
### Distinguished Level of Achievement Class of 2018, 2019 & 2020 Graduation Plan

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<td>Geometry or Pre-AP or Algebra II Pre-AP</td>
<td>Algebra II or Pre-AP or Pre-Calculus Pre-AP</td>
<td>Pre-Cal or Pre-AP or AQR or Calculus AB or AP Statistics or Statistics &amp; Risk Management</td>
</tr>
<tr>
<td>STEM</td>
<td>Biology</td>
<td>Chemistry</td>
<td>Physics</td>
<td>2 Advanced Science</td>
</tr>
<tr>
<td>Business &amp; Industry</td>
<td>Digital &amp; Interactive Media (1 credit) or Dollars &amp; Sense (1 credit)</td>
<td>Business Management (1 credit)</td>
<td>Web Technologies (1 credit)</td>
<td>Animation (1-2 credits)</td>
</tr>
<tr>
<td>Business &amp; Industry</td>
<td>Microsoft Certified Application Specialist (MCAS), OSHA 10-Hour</td>
<td>Dollars &amp; Sense (1 credit)</td>
<td>Business Information Management I (1 credit)</td>
<td>Statistics &amp; Risk Management (1 credit)</td>
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<tr>
<td>Public Service</td>
<td>JROTC I</td>
<td>JROTC II</td>
<td>JROTC III</td>
<td>JROTC IV</td>
</tr>
<tr>
<td>Public Service MAGNET</td>
<td>Certified Nurse Aide, Registered Dental Assistant (RDA), CPR/First Aid</td>
<td>World Health Research (1 credit)</td>
<td>Principles of Health Science (1 credit) or Pathophysiology (.5 credit)</td>
<td>Health Science II Practicum (2-3 credits) or Anatomy and Physiology (1 credit) and/or Medical Microbiology (.5 - 1 credit)</td>
</tr>
<tr>
<td>Public Service</td>
<td>OSHA 10-Hour</td>
<td>Dollars &amp; Sense (1 credit)</td>
<td>Lifetime Nutrition and Wellness (1 credit)</td>
<td>Restaurant Management (1 credit)</td>
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<td>OSHA 10-Hour, ServeSafe</td>
<td>Principles of Education &amp; Training (1 credit) and Dollars &amp; Sense (1 credit)</td>
<td>Human Growth &amp; Development (1 credit) or Child Development (1 credit)</td>
<td>Instructional Practices in Education &amp; Training (2 credits)</td>
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## Edison High School 2015-2016 (continued)
### Distinguished Level of Achievement Class of 2018, 2019 & 2020 Graduation Plan

<table>
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<tr>
<th>ENDORSEMENTS</th>
<th>Certifications</th>
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<th>2&lt;sup&gt;nd&lt;/sup&gt; course</th>
<th>3&lt;sup&gt;rd&lt;/sup&gt; course</th>
<th>4&lt;sup&gt;th&lt;/sup&gt; course</th>
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<td>Public Service MAGNET</td>
<td>Emergency Communications</td>
<td>Principles of Law, Public Safety, Corrections, and Security (1 credit) and Dollars &amp; Sense (1 credit)</td>
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<td>Court Systems and Practices (1 Credit)</td>
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<td>Career Development (Course does not qualify as an endorsement requirement)</td>
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<td>Available to students in all Programs of Study: Course requires students to have a valid social security # and remain employed throughout the duration of the year-long course.</td>
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**ENDOGENIES Certifications**

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<td>Algebra I or Alg I Pre-AP or Geometry Pre-AP</td>
<td>Geometry or Pre-AP or Algebra II Pre-AP</td>
<td>Pre-Calc or AP Calculus AB or AP Statistics</td>
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<tr>
<td>LAW MAGNET</td>
<td>OSHA 10-Hour</td>
<td>Principles of Gov. and Public Administration (1 credit)</td>
<td>Political Science I (1 credit)</td>
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<tr>
<td>MEDICAL PRACTICE MAGNET</td>
<td>OSHA 10-Hour</td>
<td>Principles of Health Science (1 credit)</td>
<td>Anatomy and Physiology (1 Science credit)</td>
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<td>BIOMEDICAL RESEARCH</td>
<td>OSHA 10-Hour</td>
<td>Principles of Health Science (1 credit)</td>
<td>Anatomy and Physiology (1 Science Credit)</td>
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**Multidisciplinary**

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<tr>
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**ENDORSEMENTS**
- **Certifications**
  - Algebra I or Alg I Pre-AP
  - Geometry Pre-AP
  - Algebra II Pre-AP
  - Pre-Calculus Pre-AP
- **1st course**
  - Engineering Design and Presentation
  - Range Ecology & Management (.5 credit) and Forestry and Woodland Ecosystem (.5 credit)
- **2nd course**
  - Principles & Elements of Floral Design
  - Agriculture Facilities Design and Fabrication (1 credit)
- **3rd course**
  - Research in Information Technology Solutions I
  - Research in Information Technology Solutions I (2 credits)
- **4th course**
  - Business Information Management II (1 credit)
  - Virtual Business (1 credit) or BIM II - DC (1 credit) or Animation (1-2 credits)

**MAGNET**
- **OSHA 10-Hour, AutoCAD**
- **Technology Solutions I**
- **Technology Solutions II**
- **Advanced Engineering Design and Presentation (2 credits)**
- **Science, Technology, Engineering, and Mathematics I Practicum (2 credits)**

**Business & Industry**
- **OSHA 10-Hour, Hunter Education, Floral Design**
- **A+ Certification, OSHA 10-Hour**
- **Principles of Information Technology**
- **Research in Information Technology Solutions I (2 credits)**

**STEM**
- **OSHA 10-Hour, AutoCAD**
- **Concepts of Engineering Technology**
- **Wildlife, Fisheries & Ecology Management (1 credit)**
- **Horticulture Science (1 credit) and/or Landscape Design & Turf Grass Management (1 credit)**
- **Science, Technology, Engineering, and Mathematics I Practicum (2 credits)**

**Science, Technology, Engineering, Mathematics**
- **Endorsement Elective**
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- **Endorsement Elective**

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<td>JROTC III</td>
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<tr>
<td>Public Service</td>
<td>Emergency Communications CERT, OSHA 10-Hour, First Aid/CPR/AED</td>
<td>Principles of Law, Public Safety, Corrections, and Security (1 credit) or Dollars &amp; Sense (1 credit)</td>
<td>Law Enforcement I (1 credit)</td>
<td>Law Enforcement II (1 credit)</td>
<td>Forensic Science (1 credit) and/or Law, Public Safety, Corrections &amp; Security I Practicum (2 credits)</td>
</tr>
<tr>
<td>Public Service</td>
<td>OSHA 10-Hour,</td>
<td>Principles of Education &amp; Training (1 credit) and Dollars &amp; Sense (1 credit)</td>
<td>Human Growth &amp; Development (1 credit) or Child Development (1 credit)</td>
<td>Instructional Practices in Education &amp; Training (2 credits)</td>
<td>Education &amp; Training I Practicum (2-3 credits)</td>
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<td>Public Service</td>
<td>ServeSafe</td>
<td>Principles of Human Services (1 credit) and Dollars &amp; Sense (1 credit)</td>
<td>Lifetime Nutrition and Wellness (1 credit)</td>
<td>Family and Community Services (1 credit)</td>
<td>Practicum in Human Services (2 credits)</td>
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<td>(one of the following)</td>
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# Sam Houston High School 2015-2016
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## ENDORSEMENTS Certifications

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<tr>
<td>STEM</td>
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<tr>
<td>MAGNET NEW TECH</td>
<td>OSHA 10-Hour</td>
<td>Intro to Engineering Design</td>
<td>Principles of Engineering</td>
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<tr>
<td>Business &amp; Industry</td>
<td>Microsoft Certified Application Specialist (MCAS)</td>
<td>Principles of Business, Marketing &amp; Finance</td>
<td>Business Information Management I</td>
</tr>
<tr>
<td></td>
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<td>(1 credit)</td>
<td>(1 credit)</td>
</tr>
<tr>
<td>Business &amp; Industry</td>
<td>Certified Internet Webmaster Associate</td>
<td>Dollars &amp; Sense</td>
<td>Digital and Interactive Media</td>
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<td>(1 credit)</td>
<td>(1 credit)</td>
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<tr>
<td>Business &amp; Industry</td>
<td>OSHA 10-Hour, ServeSafe Starter, ServeSafe Manager’s Certification</td>
<td>Dollars &amp; Sense</td>
<td>Restaurant Management</td>
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STEM Certifications:
- Algebra I or Alg I Pre-AP or Geometry Pre-AP
- Geometry or Pre-AP or Algebra II Pre-AP or Pre-Calculus Pre-AP

Business & Industry Certifications:
- Microsoft Certified Application Specialist (MCAS)
- Certified Internet Webmaster Associate
- OSHA 10-Hour, ServeSafe Starter, ServeSafe Manager’s Certification
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<tr>
<td>Business &amp; Industry</td>
<td>OSHA 10-Hour Construction</td>
<td>Principles of Architecture and Construction (1 credit) or Dollars &amp; Sense (1 credit)</td>
<td>Construction Management (1 credit)</td>
<td>Advanced Construction Management (2-3 credits)</td>
<td>Construction Management I Practicum (2-3 credits)</td>
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<tr>
<td>Business &amp; Industry</td>
<td>OSHA 10-Hour, AWS-Welding D1.1, (MSSC) Manufacturing Skills Standards Council – Certified Production Technician (CPT)</td>
<td>Principles of Manufacturing (1 credit) or Dollars &amp; Sense (1 credit)</td>
<td>Welding (2 credits)</td>
<td>Advanced Welding (2-3 credits)</td>
<td>Manufacturing I Practicum (2-3 credits)</td>
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<tr>
<td>Business &amp; Industry</td>
<td>MAGNET NEW TECH</td>
<td>Principles of Arts, Audio/Video Technology (1 credit) or Dollars &amp; Sense (1 credit)</td>
<td>Audio/Video Production (1-2 credits)</td>
<td>Advanced Audio/Video Production (2-3 credits)</td>
<td>Audio/Video Production I Practicum (2-3 credits)</td>
</tr>
<tr>
<td>Public Service</td>
<td>JROTC I</td>
<td></td>
<td>Law Enforcement I (1 credit)</td>
<td>Law Enforcement II (1 credit)</td>
<td>Forensic Science (1 credit) and/or Law, Public Safety, Corrections &amp; Security I Practicum (2 credits)</td>
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<td>Public Service</td>
<td>Emergency Communications CERT, OSHA 10-Hour, First Aid/CPR/AED</td>
<td>Principles of Law, Public Safety, Corrections, and Security (1 credit) or Dollars &amp; Sense (1 credit)</td>
<td>Law Enforcement I (1 credit)</td>
<td>Law Enforcement II (1 credit)</td>
<td>Forensic Science (1 credit) and/or Law, Public Safety, Corrections &amp; Security I Practicum (2 credits)</td>
</tr>
<tr>
<td>Public Service</td>
<td>Cosmetology, Operator and/or Manicurist and/or Esthetician Specialty License, OSHA 10-Hour</td>
<td>Intro to Cosmetology (1 credit) or Dollars &amp; Sense (1 credit)</td>
<td>Cosmetology I (2 credits)</td>
<td>Cosmetology II (2-3 credits)</td>
<td>Human Services I Practicum - Cosmetology 2-3 credits</td>
</tr>
<tr>
<td>Arts &amp; Humanities</td>
<td>Art I Theater Arts I Choir I Marching Band I Orchestra I Jazz Band I Spanish I Dance I</td>
<td>Art II Theater Arts II Choir II Marching Band II Orchestra II Jazz Band II Spanish II Dance II</td>
<td>Art III Theater Arts III Choir III Marching Band III Orchestra III Jazz Band III Spanish III Dance III</td>
<td>Art IV Theater Arts IV Choir IV Marching Band IV Orchestra IV Jazz Band IV Spanish IV Dance IV</td>
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<td>Multidisciplinary</td>
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<td>Social Studies and American Sign Language (ASL)</td>
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- 2 levels each in two languages other than English (LOTE)
- 4 levels in the same LOTE
- Courses from one or two areas (music, theater, art, dance) in fine arts
- English electives not included in Business and Industry
- 4 advanced courses from other endorsement areas
- 4 credits in each foundation subject area, including English IV and chemistry and/or physics
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# Thomas Jefferson High School 2015-16
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<td>Dollars &amp; Sense</td>
<td>Fine Arts/Elective</td>
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## ENDORSEMENTS

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<tr>
<th>Certifications</th>
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<tbody>
<tr>
<td>STEM</td>
<td>Algebra I or Alg I Pre-AP or Geometry Pre-AP</td>
<td>Geometry or Pre-AP or Algebra II Pre-AP</td>
<td>Algebra II or Pre-AP or Pre-Calculus Pre-AP</td>
<td>Pref Cal or Pre-AP or AQR or Calculus AB or AP Statistics</td>
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<tr>
<td>Business &amp; Industry</td>
<td>OSHA 10-Hour, Floral Design</td>
<td>Principles of Agriculture, Food &amp; Natural Resources (1 credit) or Dollars &amp; Sense (1 credit)</td>
<td>Prin. of Floral Design (1 credit) and/or Energy &amp; Natural Resources Technology (1 credit)</td>
<td>Agriculture, Food &amp; Natural Resources I Practicum (2 credits) or Horticultural Science (1 credit) or Advanced Plant &amp; Soil Science (1 credit)</td>
</tr>
<tr>
<td>Business &amp; Industry</td>
<td>Autodesk Revit, AutoCAD</td>
<td>Principles of Architecture &amp; Construction (1 credit) or Dollars &amp; Sense (1 credit)</td>
<td>Architectural Design (1 credit) or Interior Design (1 credit)</td>
<td>Architectural Design I Practicum (2 credits) or Interior Design I Practicum (2 credits)</td>
</tr>
<tr>
<td>Business &amp; Industry</td>
<td>Final Cut Pro, OSHA 10-Hour, Adobe Dreamweaver</td>
<td>Principles of Arts, A/V Technology Communications (1 credit) or Dollars &amp; Sense (1 credit)</td>
<td>Audio Video Production (1 credit) or Animation (1 credit)</td>
<td>Audio Video Production I Practicum (2 credits)</td>
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<tr>
<td>Business &amp; Industry</td>
<td>Microsoft Certified Application Specialist (MCAS), OSHA 10-Hour</td>
<td>Principles of Business, Marketing &amp; Finance (1 credit) or Dollars &amp; Sense (1 credit)</td>
<td>Human Resources Management (1 credit)</td>
<td>Global Business (1 credit)</td>
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<td>JROTC I</td>
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<td>Public Service</td>
<td>Emergency Communications CERT, OSHA 10-Hour</td>
<td>Principles of Law, Public Safety, Corrections, and Security (1 credit) or Dollars &amp; Sense (1 credit)</td>
<td>Law Enforcement I (1 credit)</td>
<td>Correctional Services (1 credit)</td>
<td>Law, Public Safety, Corrections &amp; Security I Practicum (2 credits)</td>
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<tr>
<td>Public Service</td>
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<td>Principles of Government &amp; Public Administration (1 credit) or Dollars &amp; Sense (1 credit)</td>
<td>Political Science I (1 credit)</td>
<td>Political Science II (1 credit)</td>
<td>Local State &amp; Federal Government I Practicum (2 credits)</td>
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<td>Arts &amp; Humanities</td>
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<td>Art I Theater Arts I Choir I Marching Band I Orchestra I Mariachi I Jazz Band I Spanish I Dance I</td>
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<td>Career Development (Course does not qualify as an endorsement requirement)</td>
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<td>Available to students in all Programs of Study: Course requires students to have valid social security # and remain employed throughout the duration of the year-long course.</td>
<td>Career Preparation I (2 credits)</td>
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**STEM**

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Geometry or Pre-AP Algebra II Pre-AP

Algebra II or Pre-Calculus Pre-AP

Pre-Cal or Pre-AP or AQR or Calculus AB or AP Statistics

**Business & Industry MAGNET**

Microsoft Certified Application Specialist (MCAS), OSHA 10-Hour, Financial Literacy Certification, Teller Operator, Volunteer Income Tax Assistance (VITA)

Principles of Business, Marketing & Finance (1 credit)

Accounting I (1 credit)

Entrepreneurship (1 credit)

**Business & Industry MAGNET**

OSHA 10-Hour, ServeSafe Starter and/or Manager's Certification, PrStart, FS Prep

Dollars & Sense (1 credit)

Principles of Hospitality (1 credit)

Culinary Arts (2 credits)

Culinary Arts Practicum (2-3 credits) or Food Science (1 credit)

**Business & Industry**

OSHA 10-Hour

Dollars & Sense (1 credit)

Digital & Interactive Media (1 credit)

Web Technologies (1 credit)

Animation I (1 credit)

**Business & Industry**

OSHA 10-Hour, NASAVA – National Automotive Student Skills Standards Assessment, Automotive Service Excellence Engine Repair/Performance (ASE)

Dollars & Sense (1 credit)

Automotive Technology (1-2 credits)

Collision Repair & Refinishing (St. Philip's SW Campus for 11th and 12th grades) (1-2 credits)

Adv. Collision Repair & Refinishing (St. Philip's College SW Campus) (2-3 credits)

Transportation, Distribution & Logistics Practicum (2-3 credits) (Collision at St. Philip's SW Campus)
## Sidney Lanier High School 2015-2016 (continued)

### Distinguished Level of Achievement Class of 2018, 2019 & 2020 Graduation Plan

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<td>OSHA 10-Hour, AutoCAD</td>
<td>Principles of Architecture &amp; Construction (1 credit) or Dollars &amp; Sense (1 credit)</td>
<td>Architectural Design (1-2 credits)</td>
<td>Advanced Architectural Design (2-3 credits)</td>
<td>Architectural Design I Practicum (2 credits)</td>
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<td>Business &amp; Industry</td>
<td>PrintED, OSHA 10-Hour, Photoshop, Illustrator</td>
<td>Principles of Arts, AV Technology and Communications (1 credit) or Dollars &amp; Sense (1 credit)</td>
<td>Printing &amp; Imaging Technology (1-2 credits)</td>
<td>Advanced Printing &amp; Imaging Technology (2-3 credits)</td>
<td>Printing &amp; Imaging Technology I Practicum (2 credits)</td>
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<td>Public Service</td>
<td>JROTC I</td>
<td>Principles of Law, Public Safety, Corrections, and Security (1 credit) or Dollars &amp; Sense (1 credit)</td>
<td>Law Enforcement I (1-2 credits)</td>
<td>Law Enforcement II (1-2 credits)</td>
<td>Forensic Science (1 credit) and/or Law, Public Safety, Corrections &amp; Security I Practicum (2 credits)</td>
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<td>Public Service</td>
<td>OSHA 10-Hour</td>
<td>Principles of Ed. &amp; Training (1 credit) or Dollars &amp; Sense (1 credit)</td>
<td>Human Growth and Development (1 credit)</td>
<td>Instructional Practices in Education &amp; Training (1-2 credits)</td>
<td>Education &amp; Training I Practicum (2 credits)</td>
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<td>Public Service</td>
<td>Cosmetology, Operator and/or Manicurist and/or Esthetician Specialty License, OSHA 10-Hour</td>
<td>Intro to Cosmetology (1 credit) or Dollars &amp; Sense (1 credit)</td>
<td>Cosmetology I (2 credits)</td>
<td>Cosmetology II (2-3 credits)</td>
<td>Practicum -Cosmetology (3 credits)</td>
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# Young Women's Leadership Academy 2015-2016

Distinguished Level of Achievement Class of 2018, 2019 & 2020 Graduation Plan

<table>
<thead>
<tr>
<th>Period</th>
<th>9th</th>
<th>10th</th>
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<td>English II</td>
<td>English III</td>
<td>4th Year English</td>
</tr>
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<td>Geometry</td>
<td>Algebra II</td>
<td>4th Year Math</td>
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<td>3</td>
<td>IPC/Biology</td>
<td>Biology/Chemistry</td>
<td>Chemistry/Physics</td>
<td>4th Year Science/Physics</td>
</tr>
<tr>
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<td>World Geography</td>
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<tr>
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<td>PE/PE Sub./Elective</td>
<td>LOTE I</td>
<td>LOTE II</td>
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</tbody>
</table>

### ENDORSEMENTS

#### STEM

- Algebra I or Alg I Pre-AP
- Geometry Pre-AP
- Geometry or Pre-AP or Algebra II Pre-AP
- Algebra II or Pre-AP Pre-Calculus Pre-AP
- Pre-Cal or Pre-AP or AQR or Calculus AB or AP Statistics

#### Arts & Humanities

- Art I
- Theater Arts I
- Choir I
- Dance I
- Spanish I
- Art II
- Theater Arts II
- Choir II
- Dance II
- Spanish II
- Art III
- Theater Arts III
- Choir III
- Dance III
- Spanish III
- Art IV
- Theater Arts IV
- Choir IV
- Dance IV
- Spanish IV

#### Multidisciplinary

- 2 levels each in two languages other than English (LOTE)
- 4 levels in the same LOTE
- Courses from one or two areas (music, theater, art, dance) in fine arts
- English electives not included in Business and Industry
- Social Studies
- American Sign Language (ASL)
- 4 advanced courses from other endorsement areas
- 4 credits in each foundation subject area, including English IV and chemistry and/or physics
- 4 credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, LOTE or fine arts
# Navarro High School 2015-2016
## Distinguished Level of Achievement Class of 2018, 2019 & 2020 Graduation Plan

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<tr>
<th>Period</th>
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<tbody>
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<td>Four Year Plan</td>
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<td>English III</td>
<td>4th Year English</td>
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<tr>
<td>2</td>
<td>Algebra I</td>
<td>Geometry</td>
<td>Algebra II</td>
<td>4th Year Math</td>
</tr>
<tr>
<td>3</td>
<td>IPC/Biology</td>
<td>Biology/Chemistry</td>
<td>Chemistry/Physics</td>
<td>4th Year Science/Physics</td>
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<td>World Geography</td>
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<td>5</td>
<td>PE/PE Sub./Elective</td>
<td>LOTE I</td>
<td>LOTE II</td>
<td>Elective</td>
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<tr>
<td>6</td>
<td>Dollars &amp; Sense</td>
<td>Fine Arts/Elective</td>
<td>Endorsement/Elective</td>
<td>Endorsement/Elective</td>
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**ENDORSEMENTS**

<table>
<thead>
<tr>
<th>Certifications</th>
<th>1st course</th>
<th>2nd course</th>
<th>3rd course</th>
<th>4th course</th>
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<tbody>
<tr>
<td><strong>STEM</strong></td>
<td>Algebra I or Alg I Pre-AP or Geometry Pre-AP</td>
<td>Geometry or Pre-AP or Algebra II Pre-AP</td>
<td>Algebra II or Pre-AP or Pre-Calculus Pre-AP</td>
<td>Pre-Cal or Pre-AP or AQR or Calculus AB</td>
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<tr>
<td><strong>STEM</strong></td>
<td>Biology</td>
<td>Chemistry</td>
<td>Physics</td>
<td>2 Advanced Science</td>
</tr>
<tr>
<td><strong>Business &amp; Industry</strong></td>
<td>Principles of Business, Marketing &amp; Finance (1 credit) or Dollars &amp; Sense (1 credit)</td>
<td>Business Information Management (1 credit)</td>
<td>Digital &amp; Interactive Media (1 credit)</td>
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<tr>
<td><strong>Arts &amp; Humanities</strong></td>
<td>Spanish I</td>
<td>Spanish II</td>
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<td>Spanish IV</td>
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<td>• 2 levels each in two languages other than English (LOTE)</td>
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<td>• 4 levels in the same LOTE</td>
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<tr>
<td>• Courses from one or two areas (music, theater, art, dance) in fine arts</td>
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<tr>
<td>• English electives not included in Business and Industry</td>
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**Multidisciplinary**

<table>
<thead>
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<tr>
<td>• 4 advanced courses from other endorsement areas</td>
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<tr>
<td>• 4 credits in each foundation subject area, including English IV and chemistry and/or physics</td>
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<tr>
<td>• 4 credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, LOTE or fine arts</td>
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**Career Development**

(Course does not qualify as an endorsement requirement)

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<tr>
<th>Available to students in all Programs of Study: Course requires students to have a valid social security # and remain employed throughout the duration of the year-long course.</th>
<th>Career Prep I (2-3 credits)</th>
<th>Career Prep II (2-3 credits)</th>
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# Travis Early College High School 2015-2016
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<td>Algebra I/Geometry</td>
<td>Algebra II</td>
<td>Pre Cal/ Geometry</td>
<td>4th Year Math</td>
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**Four Year Plan**

**Certifications**

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<tr>
<td>STEM</td>
<td>Algebra I or Alg I Pre-AP Geometry Pre-AP</td>
<td>Geometry or Pre-AP Algebra II Pre-AP</td>
<td>Algebra II or Pre-AP Pre-Calculus Pre-AP</td>
<td>Pre-Cal or Pre-AP or AQR or Calculus AB or AP Statistics</td>
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<tr>
<td>STEM</td>
<td>Biology</td>
<td>Chemistry</td>
<td>Physics</td>
<td>2 Advanced Science</td>
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<tr>
<td>Public Service</td>
<td>Principles of Government &amp; Public Administration OR Planning and Governance</td>
<td>Revenue, Taxation &amp; Regulation OR Public Management and Administration</td>
<td>National Security OR Foreign Service and Diplomacy</td>
<td>Local, State &amp; Federal Government Practicum</td>
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<tr>
<td>Arts &amp; Humanities</td>
<td>Spanish I &amp; II DC (Must be TSI compliant)</td>
<td>Spanish III &amp; IV DC (Must be TSI compliant)</td>
<td>Spanish III &amp; IV DC (Must be TSI compliant)</td>
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<tr>
<td>Arts &amp; Humanities</td>
<td>Spanish I Pre-AP</td>
<td>Spanish II Pre-AP</td>
<td>Spanish III Pre-AP</td>
<td>Spanish IV Pre-AP</td>
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<tr>
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# St. Philip’s Early College High School 2015-2016
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<td>Geometry</td>
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<td>3</td>
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<td>Chemistry</td>
<td>Physics</td>
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### ENDOREMENTS

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<tr>
<td></td>
<td>Algebra I or Alg I Pre-AP or Geometry Pre-AP</td>
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### Certification

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<th>2&lt;sup&gt;nd&lt;/sup&gt; course</th>
<th>3&lt;sup&gt;rd&lt;/sup&gt; course</th>
<th>4&lt;sup&gt;th&lt;/sup&gt; course</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Microsoft Certified Application Specialist (MCAS)</td>
<td>Business Information Management (1-2 credits)</td>
<td>Fundamentals of Programming (.5-1 credit)</td>
<td>Telecommunications and Networking (1-2 credits)</td>
<td>Research in Information Technology (2-3 credits)</td>
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### Business and Industry

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<th>4&lt;sup&gt;th&lt;/sup&gt; course</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>ASE Certification (Engine Performance/Repair, Heating &amp; AC)</td>
<td>Principles of Transportation, Distribution and Logistics (1 credit)</td>
<td>Automotive Technology (1-2 credits)</td>
<td>Advanced Automotive Technology (2-3 credits)</td>
<td>Transportation, Distribution and Logistics Practicum (2-3 credits)</td>
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</tbody>
</table>

### Arts & Humanities

- Theater Arts I LOTE I
- Theater Arts II LOTE II
- Theater Arts III LOTE III
- Theater Arts IV LOTE IV

### Multidisciplinary

- 2 levels each in two languages other than English (LOTE)
- 4 levels in the same LOTE
- Courses from one or two areas (music, theater, art, dance) in fine arts
- English electives not included in Business and Industry

### Social Studies

- American Sign Language (ASL)

### Business and Industry

- 4 advanced courses from other endorsement areas
- 4 credits in each foundation subject area, including English IV and chemistry and/or physics
- 4 credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, LOTE or fine arts
# Alamo Academies 2015-2016
## Distinguished Level of Achievement Class of 2018, 2019 & 2020 Graduation Plan

<table>
<thead>
<tr>
<th>Period</th>
<th>9th</th>
<th>10th</th>
<th>11th</th>
<th>12th</th>
</tr>
</thead>
<tbody>
<tr>
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<td>English I</td>
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<td>English III</td>
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</tr>
<tr>
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</tr>
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</tr>
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<td>LOTE I</td>
<td>LOTE II</td>
<td>Elective</td>
</tr>
<tr>
<td>6</td>
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<td>7</td>
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### ENDORSEMENTS

**Certifications**

**1st course at home campus**

**2nd course at home campus**

**3rd course**

**4th course**

#### Information Technology Security Academy Advanced Technology Center at St. Philip’s Southwest Campus

**Business & Industry**

- OSHA 10-Hour
- Dollars & Sense (1 credit)
- Principles of IT (1 credit) (if available at home campus)
- Research in Information Technology Solutions I (3 credits)
- Research in Information Technology Solutions II (3 credits)

#### Advanced Manufacturing Technology Academy St. Philip’s Southwest Campus

**Business & Industry**

- OSHA 10-Hour, MSSC Certification
- Dollars & Sense (1 credit)
- Principles of Manufacturing (1 credit) (if available at home campus)
- Advanced Precision Metal Manufacturing (3 credits)
- Manufacturing Engineering (3 credits)

#### Aerospace Academy St. Philip’s College Southwest Campus

**Business & Industry**

- OSHA 10-Hour
- Dollars & Sense (1 credit)
- Principles of Transportation Distribution & Logistics (1 credit) (if available at home campus)
- Energy, Power, and Transportation Systems (1 credit) and Aircraft Technology (2 credits)
- Advanced Aircraft Technology (3 credits)

#### Health Professions Academy San Antonio College

**Public Service**

- Certified Nurse Assistant (CNA), First Aid/CPR, Licensed Vocational Nurse
- Dollars & Sense (1 credit)
- Principles of Health Science (1 credit) (if available at home campus)
- Anatomy & Physiology (1 credit) and Creative Writing (1 credit)
- Medical Microbiology (.5 credit) and Pathophysiology (.5 credit) and Psychology (.5 credit) and Sociology (.5 credit)

#### Heavy Equipment Academy St. Philip’s College Southwest Campus

**Business & Industry**

- OSHA 10-Hour
- Dollars & Sense (1 credit)
- Principles of Transportation Distribution & Logistics (1 credit) (if available at home campus)
- Energy Power & Transportation Systems (1 credit) and Automotive Technology (1 credit) and BIM I (1 credit)
- Advanced Automotive Technology (2 credits) and Transportation Systems Management (1 credit)

**Multidisciplinary**

- (one of the following)
  - 4 advanced courses from other endorsement areas
  - 4 credits in each foundation subject area, including English IV and chemistry and/or physics
  - 4 credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, LOTE or fine arts

All of the above Dual Credit courses are held daily on the college campus. SAISD provides daily transportation from each high school to the college and back to the high school from 7:30 a.m. to 10:00 a.m.
# Phoenix Middle College at St. Philip's College Southwest Campus
## 2015-2016 Technical Dual Credit Courses
### Distinguished Level of Achievement Class of 2018, 2019 & 2020 Graduation Plan

*ALL JUNIORS AND SENIORS ELIGIBLE TO PARTICIPATE*

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### ENDORSEMENTS

**Certifications/ Licensures**

<table>
<thead>
<tr>
<th>Courses at Home Campus</th>
<th>1st &amp; 2nd</th>
<th>3rd course</th>
<th>4th course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Architecture and Construction (1 credit) or Architectural Design (2 credits) or Advanced Architecture Design (2 credits) or Advanced Architecture Design (3 credits)</td>
<td></td>
<td></td>
<td>Architectural Design I Practicum (2-3 credits) or Architectural Design II Practicum (2-3 credits)</td>
</tr>
<tr>
<td>Interior Design (1 credit) Advanced Interior Design (1 credit)</td>
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</tr>
<tr>
<td>Construction Management (2 credits) or Advanced Construction Management (2 credits) or Mill and Cabinetmaking Technology (2 credits)</td>
<td></td>
<td></td>
<td>Construction Management I Practicum (2-3 credits) or Construction Management II Practicum (2-3 credits)</td>
</tr>
<tr>
<td>Electrical Technology (2 credits) or Advanced Electrical Technology (2 credits)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Piping and Plumbing Technology (2 credits) or Advanced Piping and Plumbing Technology (2 credits)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Building Maintenance Technology (2 credits) or Advanced Building Maintenance Technology (2 credits)</td>
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</tr>
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</table>

**Business & Industry**

- OSHA 10-Hour, AutoCAD
- Dollars & Sense (1 credit)
# Phoenix Middle College at St. Philip's College Southwest Campus
## 2015-2016 Technical Dual Credit Courses
### Distinguished Level of Achievement Class of 2018, 2019 & 2020 Graduation Plan

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<tr>
<td><strong>Business &amp; Industry</strong></td>
<td>OSHA (10-Hour), ServeSafe, ProStart</td>
<td>Dollars &amp; Sense (1 credit)</td>
<td>Principles of Hospitality &amp; Tourism (1 credit)</td>
<td>Hospitality Services I Practicum (2-3 credits)</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>or Hospitality Services (2 credits)</td>
<td>or Hospitality Services II Practicum (2-3 credits)</td>
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<tr>
<td></td>
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<td></td>
<td>or Hotel Management (i.e. Intro to Hospitality Services) (1 credit)</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>or Restaurant Management (i.e. Intro to Culinary Arts) (1 credit)</td>
<td></td>
</tr>
<tr>
<td><strong>Business &amp; Industry</strong></td>
<td>OSHA (10-Hour), Manufacturing Skills Standards Council (MSSC)--Certified Production Technician (CPT)</td>
<td>Dollars &amp; Sense (1 credit)</td>
<td>Principles of Manufacturing (1 credit)</td>
<td>Manufacturing Engineering (2 credits)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>or Welding (2 credits)</td>
<td>or Engineering Design and Problem Solving (1 science credit)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>or Advanced Welding (2-3 credits)</td>
<td>or Manufacturing I Practicum (2-3 credits)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>or Manufacturing II Practicum (2-3 credits)</td>
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<tr>
<td></td>
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<td></td>
<td>Electronics (2 credits)</td>
<td></td>
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<td>or Advanced Electronics (2-3 credits)</td>
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<td></td>
<td></td>
<td>Engineering Design &amp; Presentation (2 credits)</td>
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<td></td>
<td></td>
<td>or Manufacturing Engineering (2 credits)</td>
<td></td>
</tr>
<tr>
<td><strong>Business &amp; Industry</strong></td>
<td>OSHA 10-Hour, ASE Certification (Brakes, Engine Performance/Repair, Heating and A/C)</td>
<td>Dollars &amp; Sense (1 credit)</td>
<td>Principles of Transportation, Distribution and Logistics (1 credit)</td>
<td>Transportation, Distribution and Logistics I Practicum (2-3 credits)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>or Collision Repair &amp; Refinishing (1-2 credit)</td>
<td>or Transportation, Distribution and Logistics II Practicum (2-3 credits)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>or Advanced Collision Repair &amp; Refinishing (2-3 credits)</td>
<td>or Problems and Solutions I- Transportation, Distribution and Logistics (1 credit)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>or Problems and Solutions II- Transportation, Distribution and Logistics (1 credit)</td>
</tr>
</tbody>
</table>
**STUDENT CAREER MAP**

Student: ___________________________________________ School: ___________________________________________

Career Pathway: ___________________________________________

I am interested in these occupations: ___________________________________________

Possible electives for this/these occupations are: ___________________________________________

Complete the following diagram to create YOUR Career Map!

**Foundation High School Program – Distinguished Level of Achievement Graduation Requirements - 26 Credits**

**Grade 9 Courses/Credit**
- English I
- Algebra I
- IPC/Biology
- World Geography
- PE/PE Sub/Elective
- Dollars and Sense*
- Elective
- Endorsement Elective

**Grade 10 Courses/Credit**
- English II
- Geometry
- Biology/Chemistry
- World History
- LOTE I
- Fine Arts/Elective
- Endorsement Elective
- Endorsement Elective

**Grade 11 Courses/Credit**
- English III
- Algebra II**
- Chemistry/Physics
- U.S. History
- LOTE II
- Endorsement Elective/Elective
- Endorsement Elective/Elective
- Endorsement Elective/Elective

**Grade 12 Courses/Credit**
- English IV
- 4th Math
- Physics /4th Science
- Government/Economics
- Elective
- Endorsement Elective/Elective
- Endorsement Elective/Elective
- Endorsement Elective/Elective

TOTAL: 8 8 8 8

*Students Enrolled in AVID or Campus Magnet Program are not required to take Dollars and Sense
**Required for the Distinguished High School Program