2022-2023

Taylor High School

Course Selection Guide

MISSION

Inspire, Equip, and Empower Every Student
to Achieve Their Unique Potential.

VISION

Intentionally Empowering the Whole Child

2022 - 2023 Taylor High School
Course Selection Guide

Welcome to Students and Families:

The purpose of this guide is to assist students and their families in planning a course of study tailored to individual student needs, interests, and aspirations. After an introductory section on general requirements, grades, academic placement, and student classification, the program of studies provide a brief description of the prerequisites and content of the courses Taylor High School offers. These descriptions should be consulted in selecting courses for next year. Students and families with questions regarding courses and their implications of selecting them are encouraged to consult with their school counselor.

Information in this guide is accurate as of the date of printing and is subject to change at any time due to updates in local, state, and federal policies. Please refer to the online version of this guide, found on the Taylor ISD website, for the most up-to-date information.

Students and Families:

- Review the state and local course requirements included in the guide. Also, review the graduation requirements for the Foundation High School Plan.
- Consider your post-secondary plans and career interests. Begin exploring which college or post-secondary programs you might attend.
- Review the core course and elective offerings.
- Complete the course selection process as directed by your school counselor.

Please Note: The availability of the courses listed in this program guide depends on student requests, staffing, and other resources available on campus. For some courses, other formats such as online learning may be utilized to provide a course to meet student requests within district procedures. Taylor ISD provides equal educational opportunities without regard for race, color, religion, national origin, sex, gender, disability, and/or age.

IN TAYLOR ISD WE BELIEVE...

... EVERY student has unique potential and shall engage in opportunities to grow in a safe environment through multiple approaches to learning.

... families are partners who will be informed and supported in the educational process to help students discover their unique potential.

... our empowered faculty and staff utilize their respected skills to serve as student advocates for the whole child.

... our accessible campus leaders foster community relationships and demonstrate effective communication, servant leadership, and instructional leadership to guide faculty and staff towards our vision.

... the Superintendent and district leaders are forward-thinking, strategic, and accessible partners to our community that empower staff to help students achieve their unique potential.

... the Board of Trustees is a collaborative team, anchored in tradition, with a vision towards the future and a connection to the community, inspiring exceptional workplaces and excellence in student outcomes.

Section I: General Information

How to Use the Taylor High School Course Selection Guide

Planning Your Course of Study

Planning your course of study during middle and high school is an important step in preparing for your future. The decisions you make, along with the courses you take, will affect your success and readiness for college and/or a career.

Please use this guide to plan your coursework and your future. Take them seriously and make them count!

Course Selection Checklist

- ★ What are your passions & interests?

_____

_____

- ★ What are your plans and career goals after high school?

_____

_____

- ★ Use your Xello results to explore your interests and strengths. How do they connect with future carers?

- ★ Which endorsement best matches your interests and goals?
  (see pg. 11 for more info on specific endorsements and their requirements)
  - STEM
  - Business & Industry
  - Public Service
  - Arts & Humanities
  - Multidisciplinary Studies

- ★ Review and select your specific program of study aligned to your future plans. Select this on your Choice Sheet & Personal Graduation Plan.

- ★ Declare your endorsement and program of study (8th grade) and complete your Personal Graduation Plan with a Taylor ISD Professional School Counselor in the spring.

- ★ Track your progress towards graduation in Student Self Service

- ★ Challenge yourself with the most rigorous coursework you can manage.

Planning Your High School Experience

Taylor ISD offers a wide array of high school programs that prepare students for their unique post-high school pursuits. It is recommended that students and parents think in terms of a six-year plan that carries students through their first two years beyond high school.

College Entrance Requirements:

The student who plans to attend college should begin early to develop a course of study to assure acceptance by the college or university of his or her choice. College entrance requirements and information for prospective students can be found in the Counselor's Office or through electronic means. Once the student has made a definite choice, it is advisable to keep in contact with that school's admission office, thus knowing well in advance of any changes.

Practical suggestions for students and parents:

- **Take the Preliminary Scholastic Aptitude Test (PSAT) during the sophomore and/or junior years.**
    - Taking the PSAT the sophomore year exposes students to the format used and allows the school and parents to identify areas of strength and weakness.
    - National Merit Scholarship recipients are taken from PSAT candidates that take the test during the junior year only.

- **Take the SAT/ACT examinations multiple times.**
    - Students' skills are varied and some do better on the ACT than on the SAT.
    - Take both tests at least once (recommended).
    - Have multiple documented results before the end of the senior fall semester for college application

- **Plan early for a senior year filled with rigorous coursework and activities.**
    - Create opportunities to pursue passions.
    - A student's senior year should be focused on future career readiness pursuits.
    - Plan to take coursework in all four core classes (English, Math, Science, & Social Studies) for each year they are enrolled at Taylor High School.
    - Completing required coursework allows students the opportunity to pursue higher-level courses.

- **Take three years of a language other than English.**
    - Foreign languages expand a student's ability to think and process information.
    - Provides a better understanding of cultural differences.

- **Integrate technology into studies and life**.
    - Developing an understanding and competence in the use of computer hardware, software, programs, and the Internet is essential. There is no field of study or career choice in the 21st Century that will not require a high level of knowledge and skill in the use of technology.

- **Participate in school-related activities and community service**.
    - Get involved early and often!
    - Opportunities provide experiences to develop a well-rounded, sensitive, compassionate citizen.
    - Institutes of higher learning are hypersensitive to a student's involvement in activities other than academics.

Taylor ISD Students are College and Career Ready!

College and career-ready high school graduates have the skills, knowledge, and abilities needed to succeed in life, whether they plan to attend college (two-year, four-year, or technical school) or go directly into the workforce. This means that, since elementary school, students have been academically prepared and provided with the knowledge and skills necessary to plan their careers and live their lives successfully.

In Taylor ISD, all of our efforts across the district from Pre-K to Graduation are made with the ultimate goal of ensuring each student becomes a successful and productive citizen in our community and society. We believe that students who are College and Career Ready can have a positive influence on their neighborhood and be successful in the workplace.

The Texas Education Agency (TEA) has set forth the standards for College and Career Readiness (CCR) in Texas. Most of the indicators for CCR, as they apply to Taylor ISD, are below.* A student only needs to be able to check one box to be considered "College and Career Ready."

Evidence of College and Career Readiness

- ☐ AP Exam - Score of 3 or higher on an AP exam
- ☐ ACT Exam - Minimum composite score of 23; minimum 19 on English, minimum 19 on math
- ☐ SAT Exam - Minimum score of 480 on EBRW and a minimum score of 530 on math
- ☐ TSIA2 Exam - ELAR Section: CRC score of a 945-990 w/Essay of 5-8 OR
  CRC of a 910-944 with a Diagnostic Level of 5-6 and an Essay of 5-8
  Math Section: CRC score of 950-990 OR
  CRC score of 910-949 with a Diagnostic Level of 6
- ☐ College Prep Course - Take and finish the College Bridge online courses in English and math
- ☐ Dual Credit - Earn 3 college credit hours or more in ELAR or mathematics
- ☐ Earn an industry-based certification in a Career and Technical Education course (i.e. Microsoft Office Certifications, Adobe Certified Associate, CompTIA+, Certified Clinical Medical Assistant, Pharmacy Technician, AWS D1.1, AWS D9.1, NCCER Core, TSFA Level 1 Floral)

Evidence of College and Career Readiness must be earned while the student is in high school or immediately following graduation. Scores, credits, or certifications earned prior to enrollment in high school will not count for the purposes of this indicator.

*Not all indicators are listed. Indicators for students receiving special services will be identified during the IEP.

Classification of Students

Grade Level	Minimum Number of Credits	Special Considerations
9th Grade	0	Successful completion of 8th grade
10th Grade	6	1 credit for English, 1 credit for Math, 1 credit for Science or Social Studies
11th Grade	12	2 credits for English, 2 credits for Math, and a minimum of 3 credits for Science and Social Studies combined.
12th Grade	18	All credits must be earned by the beginning of the school year.

****Grade reclassification is addressed upon completion of each academic semester.****
****Please note that the number of credits required for the beginning of the year UIL eligibility may differ.****

Grade Point Average and Course Weights

Each course a student takes throughout their high school career counts towards their grade point average, or GPA. GPA is used for a variety of purposes including class rank, scholarship qualifications, and eligibility to participate in dual credit courses. The GPA is calculated by adding up all of the numeric grades issued to a student and dividing that sum by the total number of courses attempted. In Taylor ISD, students receive two GPA calculations. Their "Cumulative GPA" includes the average of all courses taken. Their "Core GPA" includes the average of all courses listed below. Please note that not all courses a student takes will count toward their "Core GPA". Their "Core GPA" is an important number, as it is what is used to generate class rank (See Below for more information), and is reported to many post-secondary entrance applications.

For a complete listing of courses and their GPA considerations, please refer to Taylor ISD Board Policy EIC (Local).

Additionally, courses receive different weights or "levels" based on their course rigor. Some courses receive more weight than others if it includes coursework that is more challenging than the traditional coursework. The weighting of courses can be identified in Taylor ISD Board Policy EIC (Local). The possible weighting of courses for the class of 2026 and beyond is currently under discussion and a decision will be released by May 2022. For detailed information regarding a course's potential "weighting" see the course descriptions included in this course guide. For more information regarding district grade point average policies, please refer to the District Handbook.

Grading Policy & Awarding Credits

The lowest passing grade a student may receive is a 70, as mandated by the Texas Education Agency. It is important that all students and parents understand the THS grading policy for the semester criteria. **Students will receive no credit for any semester average below a 70 unless a student's average for both semesters of a two-semester course is 70 or above. Both semesters must have been taken during the same school year to average.**

EXAMPLES OF GRADING POLICY:

Example 1	1st Semester	65
	2nd Semester	70
	Year Average	67.5

**0.5 Credit awarded for 2nd semester only.

Example 2	1st Semester	67
	2nd Semester	74
	Year Average	70.5

**1 credit awarded for both semesters

Example 3	1st Semester	71
	2nd Semester	55
	Year Average	63

**0.5 Credit awarded for 1st semester only.

Example 3	1st Semester	50
	2nd Semester	90
	Year Average	70

**1 Credit awarded for both semesters

Attendance for Credit or Final Grade

To receive credit or a final grade in a class, a student must attend the class at least 90 percent of the days it is offered. A student who attends at least 75 percent but fewer than 90 percent of the days may receive credit or a final grade if he or she completes a plan, approved by the principal, that allows the student to fulfill the class's instructional requirements. If a student is involved in a criminal or juvenile court proceeding, the judge presiding over the case must also approve the plan before the student receives credit or a final grade.

If a student attends fewer than 75 percent of the class days or does not complete the principal-approved plan, then the attendance review committee will determine whether there are extenuating circumstances for the absences and how the student can regain credit or a final grade. [See policy FEC for more information.] With the exception of absences due to serious or life-threatening illness or related treatment, all absences, excused or unexcused, may be held against a student's attendance requirement. To determine whether there were extenuating circumstances for any absences, the attendance committee will use the following guidelines:

- If makeup work is completed, absences listed under Compulsory Attendance— Exemptions on page 26 of the District Handbook will be considered extenuating circumstances.
- A transfer or migrant student incurs absences only after he or she has enrolled in the district.
- Absences incurred due to the student's participation in board-approved extracurricular activities will be considered by the attendance committee as extenuating circumstances if the student makes up the work missed in each class.
- The committee will consider the acceptability and authenticity of documented reasons for the student's absences.
- The committee will consider whether the student or student's parent had any control over the absences.
- The committee will consider the extent to which the student has completed all assignments, mastered the essential knowledge and skills, and maintained passing grades in the course or subject.
- The student or parent will be given an opportunity to present any information to the committee about the absences and discuss ways to earn or regain credit or a final grade. The student or parent may appeal the committee's decision to the board by following policy FNG(LOCAL).

For more information regarding district attendance policies, please refer to the District Handbook.

Class Rank

The semester average shall be used in each course for the purpose of determining class rank in grades 9 - 11. Students will begin receiving an academic achievement record, or transcript, after their first 2 semesters on campus. Class rank will be included and calculated each semester, after the student's fourth semester. For the purpose of determining honors to be conferred during graduation activities, the district shall calculate rank by using grades available at the time of calculation at the end of the fifth six-week grading period of the senior year. Grades received in May for dual credit courses shall be included in the calculation. For more information regarding class ranking policies, please refer to the District Handbook.

Schedule Changes

One of the most important decisions facing our students is selecting courses within the high school curriculum to provide a foundation for college and career readiness after graduation. Careful planning and discussions with parents/guardians are an important part of the scheduling process, and we encourage families to log in at home to review four-year planning choices. We hope you make course selections for next school year carefully. Students who register for a course are committed to that course. Class creation and teacher assignments are based on student course requests, therefore we can only honor schedule change requests that meet certain criteria. Importantly, course changes will be made only if an educational need is demonstrated and space is available in the subsequent course.

Specifically, schedule corrections will be considered in the first two days of school for the following reasons only:

- The student is a senior and does not have a course required for graduation.
- The student does not have the prerequisites for a course.
- Course - credit was previously received (ie through summer school or CBE)
- A data - entry error made by the school (ie - two first-period classes or a schedule that does not have the full number of classes)
- Student previously failed the course with the same teacher.

For a semester or year-long course, a student may not withdraw after the third week of the course. However, to meet the individual student's needs, the principal may use his or her discretion to approve a course change. A student who withdraws from a course will have the grade in that course applied to the new course. It is highly recommended that the replacement course is in the same discipline. A student who changes courses assumes responsibility for the full content of the new course on the final exam.

Students who enroll in honors or AP courses commit to completing the course. Due to the rigorous nature, students should remain in the chosen course for the first three weeks of school in order to acclimate to the expectations and provide adequate time for both the teacher and students to gauge the appropriateness of the course selection. Schedule changes will not occur until after the fourth week and no later than the end of the seventh week of the semester.

To initiate a change our of an Honors or AP class, a conference must occur between the student, parent/guardian, teacher, and principal or designee to determine the educational need. Should educational need not be determined the student will be required to complete the course selected. If the course is changed, the student's grade (without weighing) will transfer to the new course.

Section 2 - Graduation Information & Required Coursework

Graduation Considerations

All units of credit for graduation shall be earned in grades 9 – 12, other than the few courses available at the middle school for high school credit, such as Algebra I – 1 credit, Spanish - 1 credit, and some CTE courses. The District shall include in the calculation of class rank semester grades earned in high school credit courses taken in grades 9–12 only. (Board Policy EIC - Local). Any changes to this would be updated in Board Policy.

The student and his/her parents must determine a specific graduation option. Students have the following options: Foundation, Foundation with Endorsement(s), or Foundation with Endorsement(s) Distinguished. Graduates of Taylor ISD are awarded the same type of diploma. The academic achievement record (transcript), rather than the diploma, records individual accomplishments, achievements and courses completed.

It is the responsibility of students and their families to ensure the student is prepared for specific post-secondary education programs. Please check course choices carefully to be sure specific entrance requirements are met during your child's high school program. Specific requirements vary with the college and the proposed minimum requirements for admission. The counselor will assist students in locating information on college requirements and career fields.

A student's four-year plan / Program of Study should reflect a student's career goals. The student who plans for employment or advanced career training after graduating from high school should be careful in his/her selection of 7 high school courses. Even though every course studied cannot be applied for use on a specific job, many high school courses are important because they provide general background knowledge and develop abilities needed by all citizens. The aim of specific career/technical programs is to provide the student with occupational skills, which will enable him/her to enter a related job.

In accordance with the “Every Student Succeeds Act,” any student who has not met the standards on the statewide assessment test will be required to take a remediation class in that subject area.

Completion of the registration form for all students and 4-year plan / Program of Study are most important. Be sure to complete both. The following guidelines will be of assistance:

- All students will take courses within their classifications. Any exceptions must have special permission from the principal's office.
- Review the sequence and entry grade level (i.e., English 1 for 9th, English 2 for 10th, etc.) guide on subsequent pages for each subject area.
- Review the course descriptions for each course.
- Be sure all graduation requirements are met in your child's 4-year plan / Program of Study.
- Consider the provisions for additional study (Distinguished Achievement Program).
- The Taylor High School counseling staff will assist students with their course selections.
- A Personal Graduation Plan (PGP) will be developed and on file for all students.

Taylor ISD Required Coursework Overview

Foundation - Only 22 Credits*

- **English** (4 Credits) - ELA 1, 2, 3, 4, or one credit in any authorized advanced English course.
- **Mathematics** (3 credits) - Algebra 1, Geometry, & one credit in any authorized advanced math course.
- **Science** (3 credits) - Biology, IPC / Chemistry / Physics, & one credit in any authorized advanced science course.
- **Social Studies** (3 credits) - US History, Government, Economics, World Geography OR World History
- **LOTE** (2 credits) - world language or computer science
- **Physical Education** (1 credit)
- **Fine Arts** (1 credit)
- **Health** (0.5 credits) - Taylor ISD
- **Speech** (0.5 credits) - Taylor ISD
- **Electives** (4 credits) - may include CTE or certification courses.

****Students may opt to Foundation - only after completing the sophomore year with parent and campus approval.**

Foundation + Endorsement - 26 Credits

- **English** (4 Credits) - ELA 1, 2, 3, 4, or one credit in any authorized advanced English course.
- **Mathematics** (4 credits) - Algebra 1, Geometry, & two credits in any authorized advanced math course.
- **Science** (4 credits) - Biology, IPC / Chemistry / Physics, & two credits in any authorized advanced science course.
- **Social Studies** (4 credits) - US History, Government, Economics, World Geography, World History
- **LOTE** (2 credits) - world language or computer science
- **Physical Education** (1 credit)
- **Fine Arts** (1 credit)
- **Health** (0.5 credits) - Taylor ISD
- **Speech** (0.5 credits) - Taylor ISD
- **Electives** (5 credits) - may include CTE or certification courses.

Credit requirements specific to at least one endorsement.

Distinguished Level of Achievement - 26 Credits

- **English** (4 Credits) - ELA 1, 2, 3, 4, or one credit in any authorized advanced English course.
- **Mathematics** (4 credits) - Algebra 1, Geometry, Algebra 2, & one credit in any authorized advanced math course.
- **Science** (4 credits) - Biology, IPC / Chemistry / Physics, & two credits in any authorized advanced science course.
- **Social Studies** (4 credits) - US History, Government, Economics, World Geography, World History
- **LOTE** (2 credits) - world language or computer science
- **Physical Education** (1 credit)
- **Fine Arts** (1 credit)
- **Health** (0.5 credits) - Taylor ISD
- **Speech** (0.5 credits) - Taylor ISD
- **Electives** (5 credits) - may include CTE or certification courses.

Credit requirements specific to at least one endorsement.

State Assessments Required for Graduation

English I
English II
Algebra I
US History
Biology

Performance Acknowledgements

- Outstanding Performance: Dual credit coursework, bilingualism/biliteracy, College AP or IB exam, PSAT, ACT - Plan, SAT, or ACT
- Certification: Nationally or internationally recognized business or industry certificate or license.

Texas Education Agency Graduation Toolkit

Distinguished Level of Achievement – *Benefits*

Choices determine options

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

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

Why it matters — *Benefits*

The Distinguished Level of Achievement opens a world of educational and employment opportunities for you beyond high school. The Distinguished Level of Achievement will:

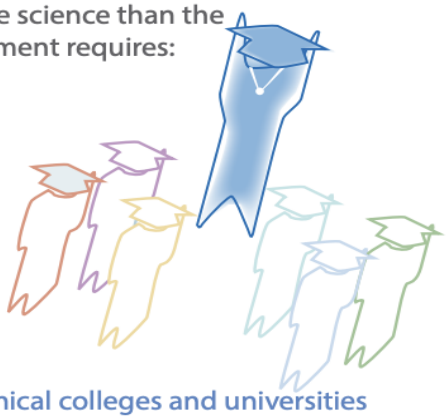
- Allow you to compete for Top 10% automatic admissions eligibility at any Texas public university;
- Position you among those first in line for a TEXAS Grant* to help pay for university tuition and fees; and
- Ensure you are a more competitive applicant at the most selective colleges and universities.

*Must be financially qualified

What it means

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

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



Advantages

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

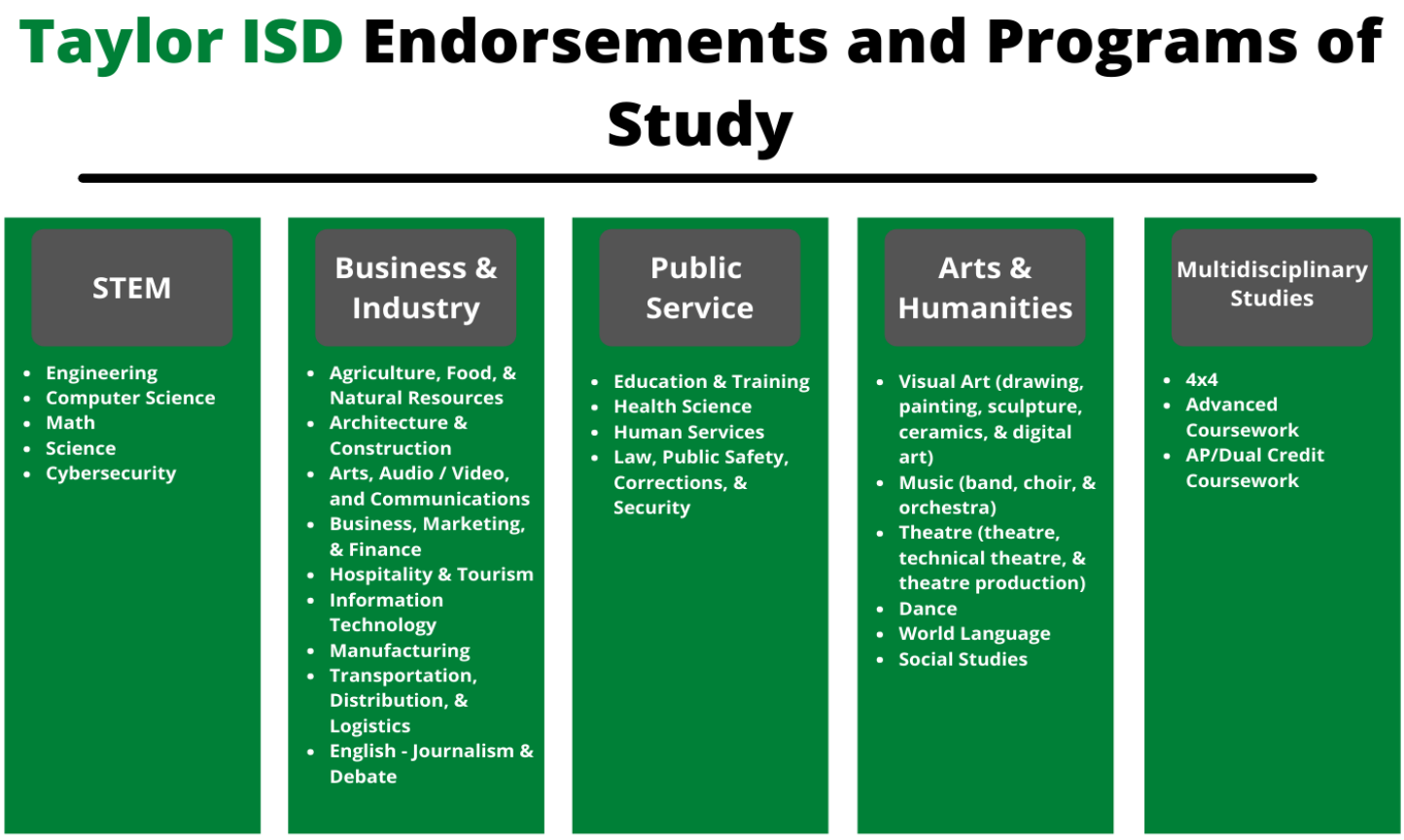
Texas Education Agency
www.tea.state.tx.us
Texas Higher Education Coordinating Board
www.thecb.state.tx.us
Texas Workforce Commission
www.twc.state.tx.us

BR14-130-02

Endorsements and Programs of Study

All Texas students who entered high school in the 2014–2015 school year or after will graduate under the Foundation High School Program. This graduation plan consists of 22 credits plus the addition of one Endorsement for a total of 26 credits.

An endorsement is a set of courses that allows students to explore an area of interest and learn more about a particular subject or career area. Students in the Taylor Independent School District select their Endorsement in their 8th-grade year during the career planning/course selection process. In middle school, students complete a series of career interest lessons and inventories in Xello to narrow their career interests, which in turn helps them select an endorsement.



Endorsements: Frequently Asked Questions

What is an endorsement?

An endorsement is a set of courses that allows students to learn more about a particular subject or career area. When a student selects an endorsement, he/she will be required to complete a coherent sequence of credits to earn credit toward graduation. Many endorsement pathways provide students the opportunity to earn industry certifications or licenses that will allow them to enter the workforce directly as well as help prepare them for college-level work.

Does a student have to select an endorsement?

Yes. Students must select an endorsement, in writing, upon entering their freshman year. Students in TISD select their endorsement in 8th grade during the annual course selection period.

Is there a way for students to opt out of choosing an endorsement?

A student, with the written approval of a parent or guardian, may elect to graduate without an endorsement after their sophomore year. Before taking this route, it is very important that the student and parents discuss the benefits of earning an endorsement with their counselor and the potential consequences of graduating without one. Graduating without an endorsement may limit the student's opportunity to continue their education after high school.

Can a student earn more than one endorsement?

Yes. A student may earn multiple endorsements.

Once I begin a program of study, can I change it?

While a student may change their program of study depending on the parent, counselor, and administrator's approval, the end goal is for all students to complete at least one program of study to earn their endorsement. This requires at least 3 courses of related work for at least 4 credit hours. The more often students change their program of study, the more likely it becomes that they will not complete their required coursework.

Can a student change their declared endorsement?

Yes. A student may elect to change their endorsement at any time. It is important to keep in mind that as students progress through high school, it may become more difficult to earn a different endorsement due to the limited amount of time that remains and the fact that classes often have prerequisites.

How do students know which endorsement is best for them?

There are many inventories available for students to take including the Map My Grad and the Interest Inventory in Xello. Students may also research career interests in Xello to learn more about their areas of interest or strength. It is always best for students to discuss their options with their parents, teachers, and counselor. Remember, students may earn more than one endorsement.

Things to consider:

- *What are the student's interests and goals?*
- *What job does he/ she want to start preparing for?*
- *Does the student want to go to college?*
- *Does the student want to take advantage of the Texas Top Ten Automatic Admission policy? (Students must earn an endorsement and the Distinguished Level of Achievement to qualify for the top 10% auto-admission program.)*

What if my student does not know which endorsement he/she wants?

If a student is undecided or unsure of which endorsement he/she wants, the Multidisciplinary Studies endorsement may be the best option. This endorsement allows flexibility with courses while still preparing them for college and the workforce. Keep in mind it is also possible for students to earn more than one endorsement if they have multiple interests.

Earning Performance Acknowledgements

Students may earn performance acknowledgments on their 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; 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 Language 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 level on the Texas English Language Proficiency Assessment System (TELPAS).

Outstanding performance in a College Advanced Placement Exam by earning:

- A score of 3 or above on a College Board Advanced Placement examination; or

Outstanding performance in 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 score 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:

A student may earn a performance acknowledgment 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 is 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 promoted 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 acknowledgments shall:

- Be age-appropriate for high school students;
- 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.

Special Education Graduation Requirements

Students complete the secondary program of special education either with graduation or when the student no longer meets the age requirement for eligibility in the Texas Education Code (TEC), ß29.001 and ß29.003. A student receiving special education services who is younger than 22 years of age on September 1 of a scholastic year shall be eligible for services through the end of that scholastic year or until graduation, whichever comes first.

(a) Graduation with a regular high school diploma terminates a student's eligibility for special education services under the Individuals with Disabilities Education Act of 2004.

(b) A student entering Grade 9 in the 2014–15 school year and thereafter who receives special education services may graduate and be awarded a regular high school diploma If the student meets one of the following conditions.

(1) A student has demonstrated mastery of the required state standards (or district standards if greater) in Chapters 110–118, 126–128, and 130 and satisfactorily completed credit requirements for graduation under the Foundation High School Program specified in a§74.12 of this title (relating to Foundation High School Program) applicable to students in all general education as well as satisfactory performance as established in TEC, Chapter 39, on the required state assessments, unless the student's admission, review, and dismissal (ARD) committee has determined that satisfactory performance on the required state assessments is not necessary for graduation.

(2) A student has demonstrated mastery of the required state standards (or district standards if greater) in Chapters 110–118, 126–128, and 130 of this title and satisfactorily completed credit requirements for graduation under the Foundation High School Program specified in §74.12 of this title through courses, one or more of which contain modified curriculum that is aligned to the standards applicable to students in general education, as well as satisfactory performance as established in the TEC, Chapter 39, on the required state assessments, unless the student's ARD committee has that satisfactory performance on the required state assessment is not necessary for graduation. The student must also successfully complete the student's Individualized Education Program (IEP) and meet one of the following conditions:

(c) Consistent with the IEP, the student has obtained full-time employment, based on the student's abilities and local employment opportunities, in addition to mastering sufficient self-help skills to enable the student to maintain employment without the direct and ongoing educational support of the local school district.

(B) Consistent with the IEP, the student has demonstrated mastery of specific employability skills and self-help skills that do not require direct ongoing educational support of the local school district.

(C) The student has access to services that are not within the legal responsibility of the public education or employment or education options for which the student has been prepared by the academic program.

(D) The student no longer meets age eligibility requirements.

House Bill (HB) 165, which relates to endorsements for public high school students enrolled in special education programs, passed in the 86th legislative session and amends Texas Education Code (TEC) §28.025 by adding Subsections (c-7) and (c-8). The Act applies to begin with the 2019–2020 school year. The amendments allow a student enrolled in a special education program to earn an endorsement on the student's transcript by successfully completing, with or without modification of the curriculum:

- The curriculum requirements identified by the State Board of Education (SBOE) found under Subsection (a) of this statute;
- The additional endorsement curriculum requirements prescribed by the SBOE under Subsection (c-2) of this statute; and
- All curriculum requirements for that endorsement adopted by the SBOE without modification, or with modification provided that the curriculum, as modified, is sufficiently rigorous as determined by the student's admission, review, and dismissal (ARD) committee. Likewise, the ARD committee determines whether the student is required to achieve satisfactory performance on an end-of-course assessment instrument to earn an endorsement on the student's transcript.

For students receiving special education services who entered Grade 9 before the 2014–2015 school year, please refer to your child's ARD paperwork.

All students graduating under this section shall be provided with a summary of academic achievement and functional performance as described in 34 Code of Federal Regulations (CFR), §300.305(e) (3). This summary shall consider, as appropriate, the views of the parent and student and written recommendations from adult service agencies on how to assist the student in meeting postsecondary goals. An evaluation as required by 34 CFR, §300.305(e)(1), shall be included as part of the summary for a student graduating under subsection (C) of this section.

Students who participate in graduation ceremonies but who are not graduating under subsection (c) of this section and who will remain in school to complete their education do not have to be evaluated in accordance with subsection (e) of this section.

Employability and self-help skills referenced under subsection (c) of this section are those skills directly related to the preparation of students for employment, including general skills necessary to obtain or retain employment.

For students who receive a diploma according to subsection (c) of this section, the ARD committee shall determine needed educational services upon the request of the student or parent to resume services, as long as the student meets the age eligibility requirements.

For purposes of this section, modified curriculum and modified content refer to any reduction of the amount or complexity of the required knowledge and skills in Chapters 110–18, 126–128, and 130. Substitutions that are specifically authorized in statute or rule must not be considered modified curriculum or modified content.

State of Texas Testing Requirements

Under House Bill 5 (HB5), passed by the 83rd Texas Legislature and signed by the governor, students entering high school under the 2011 - 2012 school year and following years are required to pass five State of Texas Assessments of Academic Readiness (STAAR) end - of - course exams to meet graduation requirements.

The five assessments required under HB5 are Algebra 1, English 1, English 2, Biology, and US History. Students must pass all five of these end-of-course assessments to be eligible to graduate from a Texas public high school. Students who are not successful on their first attempt will receive accelerated instruction and will have additional opportunities each school year to demonstrate satisfactory performance on that exam to meet the state's graduation requirements.

Students identified with a disability or as limited English Proficiency and served through Special Education, 504, Bilingual / ESL education may meet the state's eligibility criteria for the specially designed STAAR exam. For details, please see your school counselor or an administrator.

Advanced Academics

Taylor High School offers a variety of advanced coursework options to help students receive a rigorous curriculum and challenge themselves accordingly. Students are encouraged to challenge themselves but also find a balance among advanced courses, extracurricular activities, and outside activities. Students should select Honors or AP courses in their area(s) of strength. The decision about the number of Honors or AP courses should be an individual decision based on the schedule, out-of-school commitments, and interest of each student. Below are a few considerations and considerations for advanced coursework options.

Advanced Placement (AP) courses:
AP courses provide students the opportunity to dive deeply into selected content and often provide a specialized curriculum on specific topics. Students enrolled in AP courses are encouraged to take the associated AP exam. AP exam scores of three or higher count as a Performance Acknowledgement and may earn college credit at many universities. Specific university policies are available at www.collegeboard.com.

Honors courses:
Honors courses include specific content and activities designed to prepare students for both STAAR and success in college-level Advanced Placement courses. Depth of material requires students to read and write extensively in and out of class. These courses do not offer college credit, but provide a higher grade weight than standard coursework and prepare students for AP courses.

Who Should Take AP and Honors Courses:
Before enrolling in Honors or AP courses, students should consider:

- Interest in an intense exploration of the course material.
- Strong personal commitment to accomplishing objectives and requirements of the course.
- Strong academic history as demonstrated by STAAR scores and grades above 85%.
- Ability to dedicate appropriate time to coursework.
- Willingness to stretch academically.
- Willingness to work hard.

Suggestions for Class Progressions

What sequence of math courses should my student take?

Algebra 1 - - Honors Geometry - - Honors Algebra 2 - - Honors Calculus - - AP Calculus	(Advanced Sequence)
Algebra 1 - - Geometry - - Algebra 2 - - Pre - Calculus - - Statistics OR financial math	(On - Level Sequence)
Algebra 1 - - Geometry - - Algebraic Reasoning - - Algebra 2	(Support Level Sequence)

What sequence of science courses should my student take?

Honors Biology - - Honors Chemistry - - Honors Physics - - ANY AP Science Course	(Advanced Sequence)
Biology - - Chemistry - - Physics - - ANY fourth-year science course	(On - Level Sequence)
Biology - - IPC - - Chemistry - - Physics / ANY fourth-year science course	(Support Level Sequence)

Off-Campus Periods

Juniors and seniors are eligible for **ONE** off period per school year under the following conditions:

- Must have senior status (at least 21 credits) and be a fourth-year student.
- Must have junior status (at least 14 credits) and be a third-year student.
- Students must be completing coursework for the state Distinguished or Foundation Plus Endorsement Graduation Plans. (exceptions given to students receiving special education services)
- Students must be enrolled in courses that complete his or her graduation requirements at the end of the senior year.
- Students must have met the passing standard on all sections of the EOC STAAR examinations.
- Students must have met 90% of attendance requirements for each course during the previous year.
- Course changes will not be permitted simply to accommodate an early release request.
- Early release will only be considered for the last period of the day (exceptions for students enrolled in 8th-period athletics)
- Students enrolled in Career Preparation are eligible for 2 additional off-campus periods related to work.
- Students must have transportation to leave campus EACH DAY.

The off-period privilege will be revoked for the remainder of the semester for any of the following reasons:

- The student is late to school more than five times in a semester.
- The student is absent more than five times in a semester and/or falls below the 90% attendance rule in any class.
- The student receives a failing grade on a report card.

Options for Earning High School / College Credit

Students may have multiple opportunities to earn college credit while in high school.

- **Credit by Examination (CBE)**
  - Students may take credit by examination for credit recovery or validation of credit to demonstrate proficiency of the subject matter. Taylor ISD offers multiple opportunities throughout the year to take CBE's, provided through the University of Texas. Information is posted on the district website throughout the school year.
- **Career Preparation (Work-Based Learning)**
  - Career Prep students may be employed during the school day for a maximum of two (2) periods as juniors and/or seniors. Career Prep class is a year-long program. ***There will be no admission to the program after the first semester.*** Students must provide documentation of 15 hours per week of employment. Students must supply their own transportation and a valid social security card. Students are responsible for securing their own employment. An application process is required for enrollment.
- **Credit Recovery**
  - Through computer-assisted instruction, students may gain credit for courses that failed. Credit recovery is available during the day, as well as after school. Not all courses are eligible for recovery. Students should contact their school counselor or administrator for more information.
- **Dual Credit**
  - Dual credit courses are college-level courses that students can take for both high school graduation credit and college credit. Courses accepted for dual credit cover the TEKS for the high school course and meet college guidelines. Taylor High School offers a dual credit program that allows high school students to earn credit towards graduation and college credit at Temple College (TC) simultaneously while in high school. Students must have completed their sophomore year and are required to maintain a full-time student course load and meet eligibility requirements.

Dual Credit Guidelines

General Dual Credit Considerations

- Taylor High School will pay full tuition costs for two dual credit courses per student for each of the Fall and Spring semesters. Students who take additional dual credit courses are responsible for paying for those courses prior to the payment deadline or the student will be dropped from their courses.
- If a student does not attend class, drops the course, and/or does not make a 60 or higher in the course, the parent will reimburse the district the cost of the tuition.
- A student must be enrolled as a full-time high school student in order to be eligible for dual credit coursework.
- Taylor High School administration will have the final approval on which dual credit courses a student may take.

- Transportation will be provided from Taylor High School to either Temple College Taylor / Hutto or TSTC Hutto. Students who opt to ride the bus must do so daily.
- Students must have a minimum grade of 70 in all college courses taken at the end of each semester in order to register for courses the following semester.
- Students must satisfy the entrance requirements, listed above, prior to registration.
- Students must understand that these college-level courses are rigorous courses that will require intensive preparation. Also, while attending dual credit courses, students are expected to follow the student code of conduct for each institution and may be attending with other high school and college students.
- Parents and students are responsible for the cost of all textbooks required for Dual Credit courses.
- Any exception to the above guidelines must be approved by the campus administration.

Eligibility Requirements:

- **Temple College:**
    - Testing requirements:
        - SAT: Evidence-Based Reading and Writing 480 and Math 530 or
        - ACT: Reading 19, Math 19, combined score of 23 or
        - TSIA2: English Language Arts (ELAR) score 945+ and Essay 5+ or ELAR score below 945 and essay of 5+ AND Diagnostic score of 5+ and Math 945 or higher
    - Students will be able to take up to 6 credit hours per semester (fall and spring semesters)
    - Temple College course offerings are contingent upon the availability of staff, course schedule, and enrollment.
    - Students must receive a grade of 60 or higher to receive high school credit.
- **Texas State Technical College (TSTC - Online)**
    - Students who wish to enroll will need to have demonstrated in previous courses the ability to work independently (minimum of 2 recommending teachers)
    - Students will be allowed to take up to 6 credit hours per semester (fall and spring semesters).
    - TSTC course offerings are contingent upon the availability of staff, course schedule, and enrollment,
    - Students must receive a grade of 60 or higher to receive high school credit.

Section 3 - Programs of Study

Based on the Foundation High School Program, programs of study within a career cluster are intended to provide a helpful guide for the career-related electives in high school that will help prepare students for their career goals. This document is designed for students, parents, counselors, teachers, and administrators to make informed choices about the intended sequences for courses, the required courses for endorsements, and the recommended related courses to take.

Endorsement	Program of Study	Required Coursework			
		Freshman Year	Sophomore Year	Junior Year	Senior Year
Business and Industry	**Advanced Manufacturing & Machinery Mechanics**	Principles of Applied Engineering	Robotics 1	Robotics 2	Practicum in Engineering OR Career Preparation 1
Business and Industry	**Animal Science**	Principles of Agriculture, Food, & Natural Resources	Equine Science AND Small Animal Management	Livestock Production	Veterinary Medical App OR Advanced Animal Science
Business & Industry	**Automotive**	Principles of Transportation Systems	Automotive Basics	Automotive Technology 1	Automotive Technology 2 OR Career Preparation 1
Business and Industry	**Business Management**	Principles of Business, Marketing, & Finance Business Information Management 1	Business Information Management 2 / Lab	Business Management	Practicum in Business Management OR Career Preparation 1
Business and Industry	**Culinary Arts**	Introduction to Culinary Arts	Culinary Arts	Advanced Culinary Arts	Practicum in Culinary Arts OR Career Preparation 1
Science, Technology, Engineering, & Math (STEM)	**Cybersecurity**	Foundations of Cybersecurity	Computer Science 1	AP Computer Science A	Project - Based Research Independent Study in Technology
Business & Industry	**Diesel & Heavy Equipment**	Principles of Transportation Systems	Diesel Equipment Technology 1	Diesel Equipment Technology 2 / Lab (Coming 23 - 24)	Practicum in Transportation Systems (Coming 24 - 25) OR Career Preparation 1
Business and Industry	**Digital Communication**	Principles of Arts, A/V Technology, & Communication	Audio / Visual Production 1	Audio / Visual Production 2	Practicum of A/V Production
Business and Industry	**Design & Multimedia Arts**	Principles of Arts, A/V Technology, & Communication	Commercial Photography 1 OR Graphic Design 1	Commercial Photography 1 OR Graphic Design 2	Practicum in Commercial Photography OR Practicum in Graphic Design OR Career Preparation 1

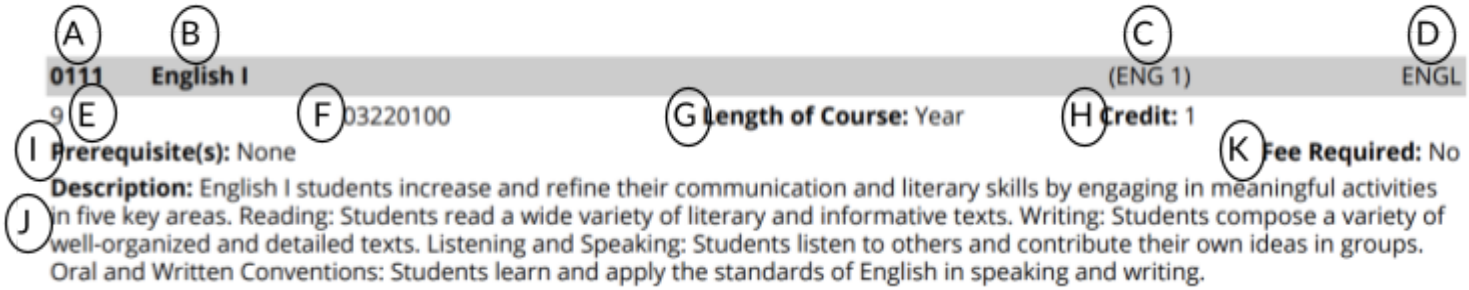
2022 - 2023 Taylor High School
Course Selection Guide

Science, Technology, Engineering, & Math (STEM)	**Engineering**	Principles of Applied Engineering	Engineering Design and Presentation 1	Engineering Design and Presentation 2	Practicum in STEM OR Scientific Research and Design
Public Service	**Exercise Science & Wellness (Sports Medicine)**		Kinesiology 1	Anatomy and Physiology AND Kinesiology 2	Project Based Research OR Career Preparation 1
Arts & Humanities	**Fine Arts**	Art, Band, Choir, Dance, Drill Team, or Theatre 1	Art, Band, Choir, Dance, Drill Team, or Theatre 2	Art, Band, Choir, Dance, Drill Team, or Theatre 3	Art, Band, Choir, Dance, Drill Team, or Theatre 4
Public Service	**Healthcare**	Principles of Health Science	Medical Terminology	Health Science Theory AND Anatomy & Physiology	Practicum in Health Science
Science, Technology, Engineering, & Math (STEM)	**Mathematics**	5 total mathematics credits: 3 credits from Algebra 1, Geometry, Algebra 2; 2 additional credits from advanced course offerings			
Business and Industry	**Plant Science**	Floral Design	Advanced Floral Design	Greenhouse Operation & Production	Practicum in Agriculture, Food, Natural Resources OR Project - Based Research
Business and Industry	**Plumbing & Pipefitting**	Introduction to Welding	Plumbing Technology 1	Plumbing Technology 2 (Coming 23 - 24)	Practicum in Construction Technology (Coming 24 - 25) OR Career Preparation 1
Science, Technology, Engineering, & Math (STEM)	**Programming & Software Development**	Computer Science 1	AP Computer Science Principles	AP Computer Science A OR Computer Science 2	Computer Science 3 OR Career Preparation 1
Science, Technology, Engineering, & Math (STEM)	**Science**	5 total science credits: 3 credits from Biology, Chemistry, & Physics. 2 additional credits from advanced course offerings			
Arts & Humanities	**Social Studies**	World Geography	World History	US History	Government / Economics AND Sociology / Psychology
Business and Industry	**Welding**	Introduction to Welding	Welding 1	Welding 2	Practicum in Manufacturing or Career Preparation I
Arts & Humanities	**World Languages**	Spanish 1	Spanish 2	Spanish 3	Spanish 4 (AP Spanish)
Multidisciplinary	**Advanced Coursework**	4 credits from Advanced Placement coursework OR 4 credits from Dual Credit coursework			

Section 4 - Course Offerings & Descriptions

Understanding Your Course Guide

Within this section of the course guide, you will find a variety of information. The graphic below will help understand the information presented so families can make the most informed decisions regarding their course selections for the upcoming academic year.



A - Course Number - This identifies the unique course number utilized by Taylor High School to schedule students into individual courses on their schedule.

B - Course Long Name - This identifies the name, both formal and informal, utilized by Taylor High School. This is the name that will appear on students' schedules.

C - Course Short Name - This identifies the abbreviated version of the course name that will appear on a student's transcript.

D - Course Category - This identifies the section of the transcript that each individual course will appear.

E - Grade Level - This number indicates the suggested grade level students should take each course. Students outside of this grade level may enroll in these courses but could impact their overall course completion timeline.

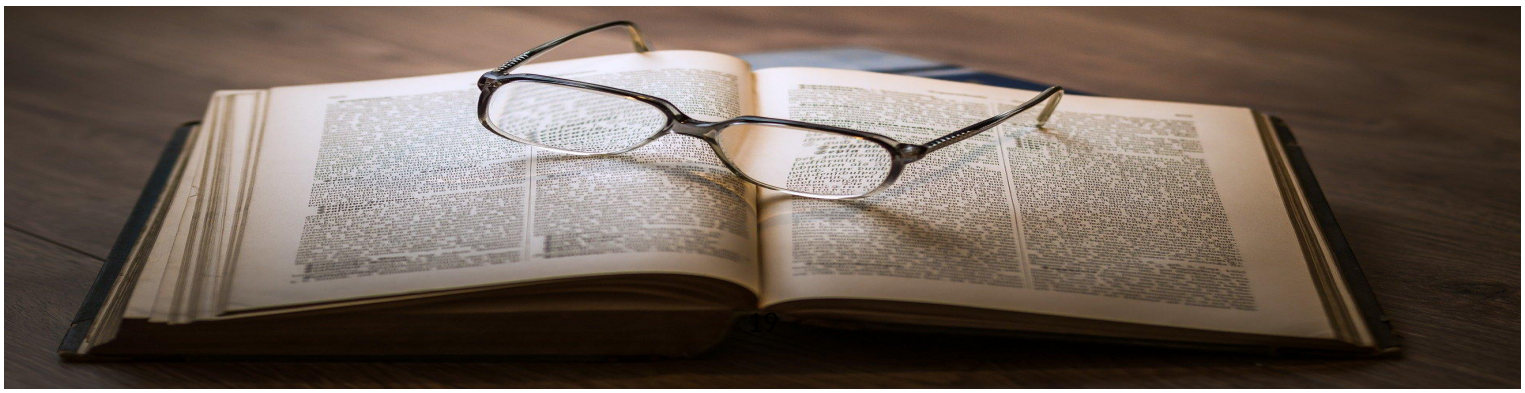
F - State Identification Number - This number identifies the unique code given to each course by the state of Texas.

G - Course Length - This will indicate whether a course is a semester-long course or a year-long course. If a student chooses a semester course, a subsequent semester course will also need to be selected to complete a full year of learning.

H - Credits - This number indicates the credit students will be awarded for successfully completing a course with passing grades and sufficient attendance. Typically, semester courses award 0.5 credit, and a full year course awards 1 credit.

I - Prerequisite(s) - Any required coursework or test scores needed to take a course will be listed here.

J - Description - A detailed description of each course is provided here.



English Language Arts Courses

101	English 1			(ENG 1)	ENGLISH
9		03220100	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): None				**Fee Required:** No	

Description: Students will apply earlier TEKS strands of developing and sustaining foundational skills, comprehension, response, multiple genres, author's purpose and craft, composition, and inquiry with greater depth in increasingly complex texts as they become self-directed, critical learners who work collaboratively and independently to develop and use metacognitive skills. The strands are integrated and progressive so students think critically as readers and writers as they adapt to the ever-evolving nature of language and literacy. The overarching theme in English Language Arts is the study, analysis, and application of the intentional decisions authors make as they design an experience for an audience. Students will engage in academic discourse, writing, and reading on a daily basis with opportunities for cross-curricular content, close reading routines, independent, self-selected reading, and diverse texts.

101H	English 1 - Honors			(ENG 1)	ENGLISH
9		03220100	**Length of Course:** Year	**Credit:** 1	Honors
Prerequisite(s): None				**Fee Required:** No	

Description: The English 1 - Honors course focuses on the same strands as English I on-level (see above), but also emphasizes advanced reading, analytical reasoning skills, and writing for the Advanced Placement courses in language and literature. Summer reading may be required. Reading lists are posted each spring on the district website.

102	English 2			(ENG 2)	ENGLISH
10		03220200	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of English 1 is recommended.				**Fee Required:** No	

Description: Students will apply earlier TEKS strands of developing and sustaining foundational skills, comprehension, response, multiple genres, author's purpose and craft, composition, and inquiry with greater depth in increasingly complex texts as they become self-directed, critical learners who work collaboratively and independently to develop and use metacognitive skills. The strands are integrated and progressive so students think critically as readers and writers as they adapt to the ever-evolving nature of language and literacy. The overarching theme in English Language Arts is the study, analysis, and application of the intentional decisions authors make as they design an experience for an audience. Students will engage in academic discourse, writing, and reading on a daily basis with opportunities for cross-curricular content, close reading routines, independent, self-selected reading, and diverse texts.

102H	English 2 - Honors			(ENG 2)	ENGLISH
10		03220200	**Length of Course:** Year	**Credit:** 1	Honors
Prerequisite(s): Successful completion of English 1 is recommended.				**Fee Required:** No	

Description: The English 2 - Honors course focuses on the same strands as English II on-level (see above), but also emphasizes advanced reading, analytical reasoning skills, and writing to prepare for the Advanced Placement courses in language and literature. Summer reading may be required. Reading lists are posted each spring on the district website.

103	English 3			(ENG3)	ENGLISH
11		03220300	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of English 2 is recommended.				**Fee Required:** No	

Description: Students will apply earlier TEKS strands of developing and sustaining foundational skills, comprehension, response, multiple genres, author's purpose and craft, composition, and inquiry with greater depth in increasingly complex texts as they become self-directed, critical learners who work collaboratively and independently to develop and use metacognitive skills. The strands are integrated and

progressive so students think critically as readers and writers as they adapt to the ever-evolving nature of language and literacy. The overarching theme in English Language Arts is the study, analysis, and application of the intentional decisions authors make as they design an experience for an audience. Students will engage in academic discourse, writing, and reading on a daily basis with opportunities for cross-curricular content, close reading routines, independent, self-selected reading, and diverse texts.

103A	**English 3 AP *(AP English Language & Composition)***			APENGLANG	ENGLISH
11		A3220100	**Length of Course:** Year	**Credit:** 1	AP
Prerequisite(s): Successful completion of English 2 - Honors, successful of the STAAR ELA exam for English 1 and 2, and successful completion of summer reading and writing assignments.				**Fee Required:** No	

Description: This course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions authors make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text—from a range of disciplines and historical periods. This course aligns to an introductory college-level rhetoric and writing curriculum and serves as preparation for successful completion of the AP Exam in May. As in the college course, students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences. Summer reading may be required and will be posted on the district website in the spring.

103D	**English 3 Dual Credit *(Temple College ENGL-1301 & ENGL-1302)***			ENG 3	ENGLISH
11		A3220100	**Length of Course:** Year	**Credit:** 1	Dual Credit
Prerequisite(s): Meet TSI Requirements, Temple College Acceptance				**Fee Required:** Yes - Textbooks	

Description: This advanced level English 3 course is for college credit as well as high school credit. It focuses on the student's ability to think objectively and communicate effectively. Major areas include the writing process, sentence structure, basic essay organization, rhetorical modes, and analysis of the writing. Successful completion of this course will provide students with college-level ENGL-1301 English Composition 101 and ENGL-1302 English Composition 102 which are accepted at most Texas colleges and universities, as well as many out-of-state institutions. Please see the "Dual Credit" sections for more information. Community college enrollment requirements, deadlines, and fees may apply.

104	**English 4**			ENG4	ENGLISH
12		03220400	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of English 3 is recommended.				**Fee Required:** No	

Description: Students will apply earlier TEKS strands of developing and sustaining foundational skills, comprehension, response, multiple genres, author's purpose and craft, composition, and inquiry with greater depth in increasingly complex texts as they become self-directed, critical learners who work collaboratively and independently to develop and use metacognitive skills. The strands are integrated and progressive so students think critically as readers and writers as they adapt to the ever-evolving nature of language and literacy. The overarching theme in English Language Arts is the study, analysis, and application of the intentional decisions authors make as they design an experience for an audience. Students will engage in academic discourse, writing, and reading on a daily basis with opportunities for cross-curricular content, close reading routines, independent, self-selected reading, and diverse texts.

104A	**AP English 4 *(AP English Literature & Composition)***			APENGLIT	ENGLISH
12		A3220200	**Length of Course:** Year	**Credit:** 1	AP
Prerequisite(s): Successful completion of English 2 - Honors, successful completion of AP English 3, successful of the STAAR ELA exam for English 1 and 2, and successful completion of summer reading and writing assignments.				**Fee Required:** No	

Description: The AP English Literature and Composition Course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, and drama), from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure for an audience. As they read, students consider a work's structure, style, and theme, as well as its use of figurative language, imagery, and symbolism. Writing assignments include informational,

analytical, and argumentative essays that require students to analyze and interpret literary works. This course aligns with an introductory college-level literature and writing curriculum. As in the college course, students should be able to read and comprehend college-level text and write grammatically correct, complete sentences. Summer reading may be required. Reading lists are posted each spring on the district website.

104D	**English 4 Dual Credit *(Temple College ENGL-2327 & ENGL-2322)***			ENG4	ENGLISH
12		03220400	**Length of Course:** Year	**Credit:** 1	Dual Credit
Prerequisite(s): Meet TSI Requirements, Temple College Acceptance				**Fee Required:** No	

Description: This advanced level English IV course is for college credit as well as high school credit. It focuses on the student's ability to think objectively and communicate effectively. Major areas include the writing process, sentence structure, basic essay organization, rhetorical modes, and analysis of writing. Successful completion of this course will provide students with college-level ENGL-2327 American Literature and ENGL-2322 British Literature which are accepted at most Texas colleges and universities. Check your college/university transcript equivalency guide. , as well as many out-of-state institutions. Please see the "Dual Credit" sections for more information. Community college enrollment requirements, deadlines, and fees apply.

107R	**Practical Writing**			PRACT WR	ENGLISH
9 - 12		03221300	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Instructor recommendation only				**Fee Required:** No	

Description: Practical Writing is a class for students who are struggling to pass their state assessments, but who may not qualify for Read180. In this class, students will focus on the writing process and reading/writing connections. Students will work to improve their writing skills at each stage of the writing process through various whole and small group activities. Students will learn strategies for working through pre-writing, drafting, revising, editing, and publishing their own pieces of writing, as well as responding to different prompts in class, on state assessments, and on college and job applications. This course focuses on the goals of improving writing and reading to help students achieve a satisfactory score on state assessments and supporting students in improving college and career writing skills.

115R	**Reading 180 (Read 1)**			READ1	ENGLISH
9 - 12		03270700	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Instructor recommendation only				**Fee Required:** No	

Description: Read 180 is a reading comprehension recovery class designed for students who are reading at least 1-2 years below grade level and/or who are struggling with state assessments. Students enrolled in Read 180 will concentrate on honing their fundamental reading comprehension skills through the examination of multiple literary genres, in-depth vocabulary study, writing practice, and independent reading. Students will spend time in activities designed around the whole class and small group instruction and will be expected to engage in independent work on computer software and during independent reading times. This course focuses on setting goals to help students raise their Lexile reading comprehension levels to meet or exceed the current grade level in order to support success in current high school classes and to foster career and college readiness.

116R	**Reading 2**			READ2	ENGLISH
10 - 12		03270800	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Instructor recommendation only				**Fee Required:** No	

Description: Reading 2 is a reading comprehension recovery class designed for students who are reading at least 1-2 years below grade level and/or who are struggling with state assessments. Students enrolled in Reading 2 will concentrate on honing their fundamental reading comprehension skills through the examination of multiple literary genres, in-depth vocabulary study, writing practice, and independent reading. Students will spend time in activities designed around the whole class and small group instruction and will be expected to engage in independent work on computer software and during independent reading times. This course focuses on setting goals to help students raise their Lexile reading comprehension levels to meet or exceed the current grade level in order to support success in current high school classes and to foster career and college readiness.

117R	**Reading 3**			READ3	ENGLISH

11 - 12		03270900	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Instructor recommendation only				**Fee Required:** No	
Description: Reading 3 is a reading comprehension recovery class designed for students who are reading at least 1-2 years below grade level and/or who are struggling with state assessments. Students enrolled in Reading 3 will concentrate on honing their fundamental reading comprehension skills through the examination of multiple literary genres, in-depth vocabulary study, writing practice, and independent reading. Students will spend time in activities designed around the whole class and small group instruction and will be expected to engage in independent work on computer software and during independent reading times. This course focuses on setting goals to help students raise their Lexile reading comprehension levels to meet or exceed the current grade level in order to support success in current high school classes and to foster career and college readiness.					
118R	**College Readiness & Study Skills 9 - 12**			CRSS	ENGLISH
9 - 12		03270100	**Length of Course:** Semester	**Credit:** 0.5	On-Level
Prerequisite(s): Instructor recommendation only				**Fee Required:** No	
Description: This course is designed to support students who do not meet the college readiness indicators for English Language Arts. College Prep ELA will prepare students for English core courses in college. It is available to high school seniors who have successfully completed English I, II, and III. A student who successfully completes this course may use the credit earned in the course toward satisfying the advanced English Language Arts (English IV) curriculum requirement for the foundation high school program.					
131R	**Professional Communications**			PROFCOM	SPEECH
9		13003300	**Length of Course:** Semester	**Credit:** 0.5	On-Level
Prerequisite(s): None				**Fee Required:** No	
Description: Professional Communications blends written, oral, and graphic communication in a career-based environment. In this course students will read, write, edit, speak and listen. Students will use software applications, manipulate graphics within documents and presentations, and conduct internet research to improve their interpersonal skills in a professional setting. *This course fulfills the local graduation speech requirement.					
133R	**Debate 1**			DEBATE1	SPEECH
9 - 12		03240600	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): None				**Fee Required:** No	
Description: Debate and argumentation are widely used to make decisions and reduce conflict. In Debate 1, students will develop skills in argumentation and debate. Students will focus on current issues, develop sound critical thinking, and sharpen their communication skills. This course offers life-long skills for intelligently approaching controversial issues. Participation in debate tournaments may be required. A one-year credit in Debate can satisfy the local graduation requirement for a semester of Speech.					
134R	**Debate 2**			DEBATE2	SPEECH
10 - 12		03240700	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Instructor approval required.				**Fee Required:** No	
Description: Debate and argumentation are widely used to make decisions and reduce conflict. In Debate 2, students will develop skills in argumentation and debate. Students will focus on current issues, develop sound critical thinking, and sharpen their communication skills. This course offers life-long skills for intelligently approaching controversial issues. Participation in debate tournaments may be required. Students will prepare for and attend UIL practice tournaments.					
135R	**Debate 3**			DEBATE3	SPEECH
11 - 12		03240800	**Length of Course:** Year	**Credit:** 1	On-Level

Prerequisite(s): Instructor approval required.	**Fee Required:** No

Description: Debate and argumentation are widely used to make decisions and reduce conflict. In Debate 3, students will develop skills in argumentation and debate. Students will focus on current issues, develop sound critical thinking, and sharpen their communication skills. This course offers life-long skills for intelligently approaching controversial issues. Participation in debate tournaments may be required. Students will prepare for and attend UIL practice tournaments.

136R	**Oral Interpretation**			ORALINT1	SPEECH
9 - 12		03240200	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): None				**Fee Required:** No	

Description: Students will become more comfortable in front of an audience and develop an appreciation for literature by preparing and performing selected literary pieces. Students will work on preparing selections for speech tournaments and UIL Prose and Poetry competitions.

405R	**Academic Decathlon 1 *(Independent Study in Speech)***			INDSPCH	SPEECH
9 - 12		03240200	**Length of Course:** Year	**Credit:** 1	Honors
Prerequisite(s): None				**Fee Required:** No	

Description: This course will cover the United States Academic Decathlon curriculum in all ten subjects as outlines for the competitive year. However, emphasis will be placed on the speaking and interviewing categories. In addition to the AcDec credit, students will receive a semester of speech credit. Students in this class are eligible to qualify for the competitive Academic Decathlon team.

407R	**Academic Decathlon 2 *(Humanities 1)***			HUMANITI	ENGLISH
10		03221600	**Length of Course:** Year	**Credit:** 1	Honors
Prerequisite(s): None				**Fee Required:** No	

Description: Students in this Level III class will cover the United States Academic Decathlon curriculum in all ten subjects as outlined for the competitive year. However, the humanities of art, music, literature, and history will be emphasized. Students will gain knowledge in art and music history, theory, and literary eras. Students in this class are eligible to qualify for the competitive Academic Decathlon team.

408R	**Academic Decathlon 3 *(Humanities 2)***			HUMANITI2	ENGLISH
11		03221610	**Length of Course:** Year	**Credit:** 1	Honors
Prerequisite(s): None				**Fee Required:** No	

Description: Students in this course will cover the United States Academic Decathlon curriculum in all ten subjects as outlined for the competitive year. However, emphasis will be placed on the humanities of art, music, literature, and history. Students will gain knowledge in art and music history, theory and literary eras. Literary criticism will also be studied. Students in this class are eligible to qualify for the competitive Academic Decathlon team.

409A	**Academic Decathlon 4 *(AP Art History)***			APHISTART	ENGLISH
12		A3500100	**Length of Course:** Year	**Credit:** 1	AP
Prerequisite(s): None				**Fee Required:** No	

Description: AP Art History is an introductory college-level art history course. Students cultivate their understanding of art history through analyzing works of art and placing them in historical context as they explore concepts like culture and cultural interactions, theories and interpretations of art, the impact of materials, processes, and techniques on art and art-making, and understanding of purpose and audience in art historical analysis.

Mathematics Courses

231R	Algebra 1			ALG1	MATH
9		03100500	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): None				**Fee Required:** No	

Description: This course serves as the foundation for all subsequent mathematics courses. Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. Students will use technology to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degrees one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations.

251R	Geometry			GEOM	MATH
9 - 10		03100700	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of Algebra 1				**Fee Required:** No	

Description: In this course, students will connect previous knowledge from Algebra I to Geometry within the coordinate and transformational geometry strand. Through a focus on the development of proofs, students will strengthen their mathematical reasoning skills in geometric contexts. Formal constructions using a straightedge and compass will be created to make conjectures about geometric figures. Proportional reasoning skills and analysis of patterns to identify geometric properties will provide context for proofs about special segments and circles. Another focus will be on the application of formulas in multi-step situations using background knowledge in two- and three-dimensional figures. Finally, students will gain exposure to fundamental topics in probability and statistics which will prepare them for success in post-secondary education.

251R	Geometry - Honors			GEOM	MATH
9 - 10		03100700	**Length of Course:** Year	**Credit:** 1	Honors
Prerequisite(s): Successful completion of Algebra 1, successful completion of the Algebra 1 EOC, and successful completion of a summer assignment.				**Fee Required:** No	

Description: In this course, students will connect previous knowledge from Algebra I to Geometry within the coordinate and transformational geometry strand. Through a focus on the development of proofs, students will strengthen their mathematical reasoning skills in geometric contexts. Formal constructions using a straightedge and compass will be created to make conjectures about geometric figures. Proportional reasoning skills and analysis of patterns to identify geometric properties will provide context for proofs about special segments and circles. Another focus will be on the application of formulas in multi-step situations using background knowledge in two- and three-dimensional figures. Finally, students will gain exposure to fundamental topics in probability and statistics which will prepare them for success in post-secondary education. In Honors Geometry, students will extend their work with proofs to include additional theorems and alternative proof approaches. This course is intended to prepare students for AP-level coursework.

255R	Math Models & Applications			MTHMOD	MATH
10		03102400	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of Algebra 1				**Fee Required:** No	

Description: In this course, students use algebraic, graphical, and geometric reasoning to recognize patterns and structure to model information and solve problems. Students will model and solve real-life problems involving money, data, chance, patterns, music, design, and science. Students will use a variety of representations, tools, and technology to link modeling techniques with mathematical concepts to solve applied problems.

232R	Algebra 2			ALG2	MATH
10 - 11		03100600	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of Algebra 1 and Geometry / Math Models.				**Fee Required:** No	
Description: This course will broaden students' knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real-world situations using both paper and pencil and technology. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods. Algebra 2 is the required prerequisite for many fourth-year math courses. Algebra 2 is a required course for students pursuing the Distinguished High School Graduation Plan					

232H	Algebra 2 Honors			ALG2	MATH
10 - 11		03100700	**Length of Course:** Year	**Credit:** 1	Honors
Prerequisite(s): Successful completion of Algebra 1 & Geometry				**Fee Required:** No	
Description: This course will broaden students' knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real-world situations using both paper and pencil and technology. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods. AAC Algebra II will include a focus on functional analysis to align with the College and Career Readiness Standards. The intent of this course is to prepare students for AP-level coursework. Algebra II is the required prerequisite for many fourth-year math courses.					

722R	Financial Mathematics			FINMATH	MATH
10 - 12		13018000	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of Algebra 1				**Fee Required:** No	
Description: Financial Mathematics is a course about personal money management. Students will apply critical-thinking skills to analyze personal financial decisions based on current and projected economic factors.					

254R	AQR *(Advanced Qualitative Reasoning)*			ADQUANR	MATH
11 - 12		03102510	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of Algebra 1 & Geometry				**Fee Required:** No	
Description: This course focuses on the application of high school math concepts. It includes a strong emphasis on statistics, an ongoing thread of financial applications, and the use of mathematical models from discrete mathematics, algebra, geometry, and trigonometry to solve complex problems in a range of engaging contexts. This course is designed to prepare students for college or the workplace.					

256D	Dual Credit College Algebra *(Temple College MATH-1314)*			INSTUMTH	MATH
11 - 12		03102500	**Length of Course:** Semester	**Credit:** 0.5	Dual Credit
Prerequisite(s): Algebra 2, Meet TSI Requirements, Temple College Acceptance				**Fee Required:** Yes - Textbooks	
Description: The first semester of this course is designed to strengthen Algebraic, geometric, and statistical reasoning. Its focus will be on Algebra, geometry, and statistical concepts that relate to success in higher-level mathematics. These concepts include foundational algebra skills, functions, and their graphs, systems of equations, trigonometry, probability, and statistics. Successful completion of this course will provide students with college-level MATH-1314 which is accepted at most Texas colleges and universities, as well as many out-of-state institutions. Please see the "Dual Credit" sections for more information. Community college enrollment requirements, deadlines, and fees may apply.					

261R	Pre - Calculus	PRECALC	MATH

11 - 12		03101100	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of Algebra 1, Geometry, & Algebra 2. Above standard Algebra 1 STAAR EOC score				**Fee Required:** No	
Description: This course approaches topics from a function point of view, where appropriate, and is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems. Students systematically work with functions and their multiple representations. The study of Precalculus deepens students' mathematical understanding and fluency with algebra and trigonometry and extends their ability to make connections and apply concepts and procedures at higher levels. Pre-calculus is the preparation for calculus.					
261H	**Pre - Calculus - Honors**			PRECALC	MATH
11 - 12		03101100	**Length of Course:** Year	**Credit:** 1	Honors
Prerequisite(s): Successful completion of Algebra 1, Honors Geometry, & Honors Algebra 2. An average of 85 or higher in Honors Algebra 2. Above standard Algebra 1 STAAR EOC score				**Fee Required:** No	
Description: This course approaches topics from a function point of view, where appropriate, and is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems. Students systematically work with functions and their multiple representations. The study of PreCalculus deepens students' mathematical understanding and fluency with algebra and trigonometry and extends their ability to make connections and apply concepts and procedures at higher levels. Pre-Calculus is the preparation for calculus. Honors Pre-Calculus focuses on comparisons among functions and includes additional topics such as an introduction to limits. This introduction will lay the foundation for success in AP Calculus.					
261D	**Pre - Calculus Dual Credit *(Temple College MATH-2412)***			PRECALC	MATH
11 - 12		03101100	**Length of Course:** Semester	**Credit:** 0.5	Dual Credit
Prerequisite(s): Successful completion of Dual Credit MATH-1314 or CLEP placement into the course, Algebra 2, Meet TSI Requirements, Temple College Acceptance				**Fee Required:** Yes - Textbooks	
Description: The content of this second-semester course will provide the student with college level MATH-1314/ College Algebra which is accepted at most Texas colleges and universities, as well as many out-of-state institutions. Successful completion of this course will provide students with college-level MATH-2412 which is accepted at most Texas colleges and universities, as well as many out-of-state institutions. NOTE: Students cannot take Pre-Calculus after this course due to the content overlap. Community college enrollment requirements, deadlines, and fees may apply.					
266L	**AP Statistics**			APSTAT	MATH
11 - 12		A3100200	**Length of Course:** Year	**Credit:** 1	AP
Prerequisite(s): Successful completion of Algebra 1, Honors Geometry, & Honors Algebra 2. Above standard Algebra 1 STAAR EOC score. Successful completion of a summer assignment.				**Fee Required:** No	
Description: This course offers students the opportunity to receive college credit for an introductory statistics course. The purpose of the advanced placement course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The focus of this course is preparation for successful completion of the AP Exam in May.					
263A	**AP Calculus AB**			APCALCAB	MATH
11 - 12		A3100101	**Length of Course:** Year	**Credit:** 1	AP
Prerequisite(s): Successful completion of Honors Pre - Calculus with an 85 average or higher. Above standard Algebra 1 STAAR EOC score. Successful completion of a summer assignment.				**Fee Required:** No	

Description: This is an advanced placement course in mathematics. This course includes applications of limits and derivatives; integration; special functions; infinite series. It is an introductory course with elementary functions. It generally provides the avenue for a student to advance place in one semester of calculus in college. The focus of this course is preparation for successful completion of the AP Exam in May. Students have two options when selecting a Calculus class. They are advised to take a Calculus course in which they will be challenged and yet will perform successfully. Students may not take Calculus AB followed by Calculus BC.

268D	**Dual Credit Calculus 1 & 2 *(Temple College MATH-2413 & MATH-2414)***			INSTMH3	MATH
12		03102501	**Length of Course:** Year	**Credit:** 2	Dual Credit
Prerequisite(s): Successful completion of Dual Credit MATH-2412 or CLEP placement into the course, Algebra 2, Meet TSI Requirements, Temple College Acceptance				**Fee Required:** Yes - Textbooks	

Description: This is a college-level calculus math course. This course includes applications of limits and derivatives; integration; special functions; infinite series. It is an introductory course with elementary functions. Successful completion of this course will provide students with college-level MATH-2413 (and do a second box for MATH-2414) which is accepted at most Texas colleges and universities, as well as many out-of-state institutions. Community college enrollment requirements, deadlines, and fees may apply.

203R	**Strategic Learning for High School Mathematics**			CPMATH	MATH
9 - 12		N1110030	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Teacher Recommendation Only				**Fee Required:** No	

Description: This course is intended to create strategic mathematical learners from underprepared mathematics students. The basic understandings will stimulate students to think about their approach to mathematical learning. These basic understandings will include identifying errors in the teaching and learning process, input errors, physiological concerns, and key cognitive skills. The essential knowledge and skills will foster a deeper understanding of the task of learning mathematical concepts.

Science Courses

321R	**Biology**			BIO	SCI
9 - 10		03010200	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): None				**Fee Required:** No	

Description: Biology is the study of life. This course includes the study of the structures and functions of cells and viruses, metabolism and energy transformations in living organisms, comparative survey of life processes, diversity of life, nucleic acids and genetics, and the interdependence of organisms and their environment. Investigations emphasize process skill development and safe manipulation of laboratory apparatus and materials in the field and laboratory.

321H	**Biology - Honors**			BIO	SCI
9 - 10		03010200	**Length of Course:** Year	**Credit:** 1	Honors
Prerequisite(s): Counselor or Teacher Approval				**Fee Required:** No	

Description: This course is for students who are highly motivated and interested in a rigorous science program. Honors Biology covers the Biology curriculum and allows students to construct their own understanding through an inquiry-based approach while encouraging advanced skills, in-depth discussion, more comprehensive lab work, and increased independent study. Class assignments and activities build on and expand higher-level thinking skills of analysis, synthesis, evaluation, and integrate units that promote scientific connections and connections with other disciplines. Students are provided opportunities for extension and application of content and processes. Special projects are assigned during the year, which requires individual research on the Internet or at a local library. Classroom presentations are expected. Honors Biology will include content and skill developed to prepare students to take AP Biology

321A	AP Biology			APBIO	SCI
11 - 12		A3010200	**Length of Course:** Year	**Credit:** 1	AP
Prerequisite(s): Successful completion of Biology				**Fee Required:** No	

Description: AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions. The course is based on four big ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about living organisms and biological systems. Laboratory experience is heavily emphasized and is designed to familiarize the students with some of the most recent techniques and processes currently used in scientific research. Laboratory work has an emphasis on inquiry-based investigations. Investigations require students to ask questions, make observations and predictions, design experiments, analyze data, and construct arguments in a collaborative setting, where they direct and monitor their progress. This course requires a two-hour lab one evening per week. The focus of this course is preparation for successful completion of the AP Exam in May.

311R	IPC *(Integrated Physics & Chemistry)*			IPC	SCI
9 - 11		03060201	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): None				**Fee Required:** No	

Description: IPC integrates the disciplines of physics and chemistry in topics such as force, motion, energy, and matter. The use of technology and laboratory investigations is a primary focus in instruction. Student investigations will emphasize accurate observations, collection of data, data analysis, and the safe manipulation of laboratory apparatus and materials in the lab. **Students may not register for IPC after receiving credit for Chemistry or Physics.**

341R	Chemistry			CHEM	SCI
10 - 12		0304000	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of Algebra 1. One credit of high - school science.				**Fee Required:** No	

Description: In Chemistry, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will investigate and apply critical thinking skills to understand how chemistry is an integral part of our daily lives.

341H	Chemistry - Honors			CHEM	MATH
10 - 12		03100700	**Length of Course:** Year	**Credit:** 1	Honors
Prerequisite(s): Successful completion of Algebra 1. One credit of high - school science.				**Fee Required:** No	

Description: This course is for students who are highly motivated and interested in a rigorous science program. Honors Chemistry covers the Chemistry curriculum and allows students to construct their own understanding through an inquiry-based approach while encouraging advanced skills, in-depth discussion, more comprehensive lab work, and increased independent study. Class assignments and activities build on and expand higher-level thinking skills of analysis, synthesis, evaluation, and integrate units that promote scientific connections and connections with other disciplines. Students are provided opportunities for extension and application of content and processes. Special projects are assigned during the year, which requires individual research on the Internet or at a local library. Classroom presentations are expected. Honors Chemistry will include content and skill development to prepare students for AP Chemistry.

353R	Earth and Space Science			ESS	SCI
11 - 12		03060200	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s):				**Fee Required:** No	

Description: This course is designed to promote scientific literacy, understanding, and experimentation in the field of Earth and Space Science. This course provides an opportunity for students to learn about three aspects of Earth: Earth in space and time, solid Earth, and fluid Earth. Students will study the history of the origin, evolution, and properties of Earth and Space including earth systems, planetary systems, and the impact natural and human activities have on these systems. Students will use a variety of resources and laboratory equipment to investigate, analyze and research scientific principles related to these topics. These resources include computer applications, GIS, GPS, telescopes, satellite imagery, remote sensing data, image and video libraries, weather stations, fossil and rock kits, globes, and various models. This is a capstone course designed to build on students' prior scientific knowledge and skills to develop an understanding of Earth's system in space and time.

354R	**Principles of Technology**			PRINTECH	SCI
11 - 12		13037100	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of Algebra 1				**Fee Required:** No	

Description: This course takes a hands-on approach to teaching physics and mathematics. It is an applied physics course designed to provide a study of force, work, rate, resistance, energy, and power as applied to mechanical, fluid, thermal, and electrical energy systems, It is a lab-based course that is designed to present physics concepts in the context of real-world applications. Principles of Technology can not be taken for the fourth science credit after physics has been taken.

351R	**Physics**			PHYSICS	SCI
11 - 12		03050000	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Credit or concurrent enrollment in Algebra 2 OR teacher approval.				**Fee Required:** No	

Description: In Physics, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving. Students study a variety of topics that include laws of motion; changes within physical systems and conservation of energy and momentum; forces; thermodynamics; characteristics and behavior of waves; and atomic, nuclear, and quantum physics. Students who successfully complete Physics will acquire factual knowledge within a conceptual framework, practice experimental design and interpretation, work collaboratively with colleagues, and develop critical thinking skills.

350A	**AP Physics 1**			APPHYS1	SCI
11 - 12		A3050003	**Length of Course:** Year	**Credit:** 1	AP
Prerequisite(s): Credit or concurrent enrollment in Precalculus OR teacher approval. A math skills pre-assessment may be required.				**Fee Required:** No	

Description: AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Knowledge of algebra is required to fully understand the basic principles and the ability to apply these principles in the solution of problems through inquiry. At many colleges, this is a semester course including laboratory component, which often provides a foundation in physics for students in life sciences, pre-medicine, and some applied sciences, as well as other fields not related to science. Hands-on laboratory work with an emphasis on inquiry-based investigations will require students to ask questions, make observations and predictions, design experiments, analyze data, and construct arguments in a collaborative setting, where they direct and monitor their progress. Laboratory investigations utilize computer applications when possible. The focus of this course is preparation for successful completion of the AP Physics I Exam in May.

352A	**AP Physics C - Mechanics, Electricity, & Magnetism**			APPHYSC	SCI
12		A3050006	**Length of Course:** Year	**Credit:** 1	AP
Prerequisite(s): Credit or concurrent enrollment in Calculus OR teacher approval.				**Fee Required:** No	

Description: The AP Physics C course expands on concepts presented in AP Physics I and II.AP Physics C: Mechanics is taught prior to AP Physics C: Electricity and Magnetism. AP Physics C: Mechanics course explores topics such as kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Introductory differential and integral calculus are used throughout the course. AP Physics C: Electricity and Magnetism course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus are used throughout the course. These AP Physics C courses are each equivalent to a one-semester, calculus-based,

college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. Hands-on laboratory work, with an emphasis on inquiry-based investigations, will require students to ask questions, make observations and predictions, design experiments, analyze data, and construct arguments in a collaborative setting, where they direct and monitor their progress. Laboratory investigations utilize computer applications when possible. Methods of calculus are used wherever appropriate in formulating physical Earth principles and in applying them to physical problems. The AP Physics C exam is unique in the fact that it is administered as two separate one and one-half hour exams; one in mechanics and the other in electricity and magnetism. This course requires a two-hour lab one evening per week. The focus of this course is preparation for the successful completion of both AP Exams in May.

324R	**Anatomy & Physiology**			ANATPHYS	SCI
11 - 12		13020600	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of Biology & Chemistry				**Fee Required:** No	
Description: Anatomy and Physiology extends a student's knowledge and understanding of the human body with respect to its structure and function. This lab-oriented class teaches proper dissection techniques as well as various physiological phenomena and is recommended for students interested in medically-related careers.					

360R	**Aquatic Science**			AQUQSCI	SCI
11 - 12		03030000	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of 2 high school science courses.				**Fee Required:** No	
Description: Aquatic Science is a study of the interactions between abiotic and biotic factors in marine and freshwater habitats as they relate to the environment. Maintenance of aquaria can be used in solving problems arising in the operation of fisheries, aquatic farms, waste disposal, and sanitation and water supply. Student investigations will emphasize observations, collection of data, data analysis, and the safe manipulation of laboratory apparatus and materials in the lab as it relates to aquatic systems. Students who successfully complete Aquatic Science will acquire knowledge about a variety of aquatic systems, conduct investigations and observations of aquatic environments, work collaboratively with peers, and develop critical-thinking and problem-solving skills.					

623R	**Advanced Animal Science**			ADVANSCI	SCI
11 - 12		13000700	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of Biology AND Chemistry or IPC. Successful completion of Algebra 1 AND Geometry. Successful completion of Livestock Production.				**Fee Required:** No	
Description: Advanced Animal Science examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction allows for the application of scientific and technological aspects of animal science through field and laboratory experiences.					

845R	**Food Science**			FOODSCI	SCI
11 - 12		13023000	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of 3 high schools science courses, including Chemistry AND Biology.				**Fee Required:** No	
Description: In Food Science students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving. Food Science is the study of the nature of foods, the causes of deterioration in food products, the principles underlying food processing, and the improvement of foods for the consuming public.					

Social Studies Courses

414R	**World Geography**	WORLDGEO	SS

9		03320100	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): None				**Fee Required:** No	
Description: 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. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. A significant portion of the course centers around the physical processes that shape patterns in the physical environment; the characteristics of major landforms, climates, and ecosystems and their interrelationships; the political, economic, and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution and movement of the world population; relationships among people, places, and environments; and the concept of region. Students analyze how location affects economic activities in different economic systems. Students identify the processes that influence political divisions of the planet and analyze how different points of view affect the development of public policies. Students compare how components of culture shape the characteristics of regions and analyze the impact of technology and human modifications on the physical environment. Students use problem-solving and decision-making skills to ask and answer geographic questions.					
414H	**World Geography - Honors**			WORLDGEO	SS
9		03320100	**Length of Course:** Year	**Credit:** 1	Honors
Prerequisite(s): None				**Fee Required:** No	
Description: Honors World Geography classes will cover all World Geography TEKS objectives (see above) and other topics such as urban geography, environment, globalization, and demographic studies. Students will read case studies and develop critical thinking and writing skills necessary for success in future social studies Advanced Placement exams. Outside reading and independent learning will also be required.					
411R	**World History**			WORLDHIST	SS
10		03320100	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): None				**Fee Required:** No	
Description: World History Studies is a survey of the history of humankind. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present. Traditional historical points of reference in world history are identified as students analyze important events and issues in western civilization as well as in civilizations in other parts of the world. Students evaluate the causes and effects of political and economic imperialism and of major political revolutions since the 17th century. Students examine the impact of geographic factors on major historic events and identify the historic origins of contemporary economic systems. Students analyze the process by which constitutional governments evolved as well as the ideas from historic documents that influenced that process. Students trace the historical development of important legal and political concepts. Students examine the history and impact of major religious and philosophical traditions. Students analyze the connections between major developments in science and technology and the growth of industrial economies, and they use the process of historical inquiry to research, interpret, and use multiple sources of evidence.					
411A	**AP World History: Modern**			APWHIST	SS
10		03060201	**Length of Course:** Year	**Credit:** 1	AP
Prerequisite(s): None				**Fee Required:** No	
Description: The purpose of the AP World History course is to develop a greater understanding of the evolution of global processes and contacts in different types of human societies. The course highlights the nature of changes in global frameworks and their causes and consequences, as well as comparisons among major societies. It emphasizes relevant factual knowledge, leading interpretive issues, and skills in analyzing types of historical evidence. Students are expected to write for the purposes of interpretation and analysis. The focus of this course is preparation for successful completion of the AP Exam in May.					
401R	**United States History**			USHIST	SS
11		03340100	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): None				**Fee Required:** No	

Description: 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 examine the impact of geographic factors on major events and eras and analyze their causes and effects. Students examine the impact of constitutional issues on American society, evaluate the dynamic relationship of the three branches of the federal government, and analyze efforts to expand the democratic process. Students describe the relationship between the arts and popular culture and the times during which they were created. Students analyze the impact of technological innovations on American life. Students use critical-thinking skills and a variety of primary and secondary source material to explain and apply different methods that historians use to understand and interpret the past, including multiple points of view and historical context.

401A	**AP United States History**			APUSHIST	SS
11 - 12		A3340100	**Length of Course:** Year	**Credit:** 1	AP
Prerequisite(s): None				**Fee Required:** No	

Description: This Advanced Placement course involves students in a survey of America's history from the colonial period to the present day. Students read extensively from primary and secondary sources, analyze issues and events, and prepare oral and written presentations and projects based on individual and group research. The focus of this course is preparation for successful completion of the AP Exam in May.

401D & 436D	**Dual Credit United States History *(Temple College 1301 & 1302)***			USHIST	SS
11 - 12		A3340100	**Length of Course:** Year	**Credit:** 1	AP
Prerequisite(s): Meet TSI Requirements, Temple College Acceptance **Corequisite(s):** Students must enroll in 401D AND 436D to earn a full credit of US History.				**Fee Required:** Yes - Textbooks	

Description: This course offers the opportunity for students to receive high school and college credit in U.S. History. It is a rigorous program taught at the college level and a study from the colonial period through current U.S. History. Successful completion of this course will provide students with college-level HIST-1301 U.S. History to 1877 and HIST- 1302 U.S. History 1877 to Present which is accepted at most Texas colleges and universities, as well as many out-of-state institutions. Please see the "Dual Credit" sections for more information. Community college enrollment requirements, deadlines, and fees may apply.

421R	**United States Government**			GOVT	SS
12		3330100	**Length of Course:** Semester	**Credit:** 0.5	On-Level
Prerequisite(s): None				**Fee Required:** No	

Description: In this course, students learn major political ideas and forms of government in history. A significant focus on the U.S. Constitution, its underlying principles and ideas, and the form of government it created. Students analyze major concepts of republicanism, federalism, checks and balances, separation of powers, popular sovereignty, and individual rights and compare the U.S. system of government with other political systems. Students identify the role of government in the U.S. free enterprise system and examine the strategic importance of places to the United States. Students analyze the impact of individuals, political parties, interest groups, and the media on the American political system, evaluate the importance of voluntary individual participation in a constitutional republic, and analyze the rights guaranteed by the U.S. Constitution. Students examine the relationship between governmental policies and the culture of the United States. Students identify examples of government policies that encourage scientific research and use critical-thinking skills to create a product on a contemporary government issue.

421A	**AP American Government & Politics**			APGOVT	SS
12		A3330100	**Length of Course:** Semester	**Credit:** 0.5	AP
Prerequisite(s): None				**Fee Required:** No	

Description: Students participate in an in-depth analysis of concepts, issues, and problems associated with the structure and function of government and the development of political behaviors and philosophies. Through extensive reading and problem-solving activities, civil rights, civil liberties, and activities of various governmental agencies are examined and evaluated. The focus of this course is preparation for the successful completion of the AP exam in May.

421D	US Government - Dual Credit *(Temple College 2305)*			GOVT	SS
12		03330100	**Length of Course:** Semester	**Credit:** 0.5	Dual Credit
Prerequisite(s): Meet TSI Requirements, Temple College Acceptance				**Fee Required:** Yes - Textbooks	
Description: This advanced-level United States Government course is offered for both college and high school credit. It is a rigorous course taught at the college level that includes the study of the structure and function of government and the development of political behaviors and philosophies, as well as an examination of current governmental issues and events. Successful completion of this course will provide students with college-level GOVT2305 American National Government which is accepted at most Texas colleges and universities, as well as many-out-of state institutions. Please see the "Dual Credit" sections for more information. Community college enrollment requirements, deadlines, and fees may apply.					

431R	Economics			ECON	SS
12		3310200	**Length of Course:** Semester	**Credit:** 0.5	On-Level
Prerequisite(s): None				**Fee Required:** No	
Description: This course emphasizes 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. Students will study the roles of the Federal Reserve System and other financial institutions, government, and businesses in a free enterprise system. Types of business ownership and market structures are discussed. The course also incorporates instruction in personal financial literacy. Students apply critical-thinking skills using economic concepts to evaluate the costs and benefits of economic issues					

431A	AP Macroeconomics			APMACECO	SS
12		A3310200	**Length of Course:** Semester	**Credit:** 0.5	AP
Prerequisite(s): None				**Fee Required:** No	
Description: Students are engaged in a comprehensive exploration of economics and the free enterprise system which involves problem-solving and analysis of macroeconomic principles. The completion of the group and individual projects, presentations, and outside readings are expected of students in this course. The focus of this course is preparation for the successful completion of the AP exam in May. This course may be taken for Economics graduation credit or as an elective.					

431D	Economics - Dual Credit *(Temple College 2301)*			ECON	SS
12		3310200	**Length of Course:** Semester	**Credit:** 0.5	On-Level
Prerequisite(s): Meet TSI Requirements, Temple College Acceptance				**Fee Required:** Yes - Textbooks	
Description: This advanced-level Economics course is offered for both college and high school credit. It is a rigorous course taught at the college level that includes the study of macro and microeconomic philosophies, as well as an examination of historical and recent economic events. Students must enroll, register, and pay any associated fees to the appropriate community college. Successful completion of this course will provide students with college-level ECON2301 Principles of Macroeconomics which is accepted at most Texas colleges and universities, as well as many out-of-state institutions. Please see the "Dual Credit" section for more information. Community college enrollment requirements, deadlines, and fees may apply.					

432R	Ethnic Studies: Mexican American Studies			ESMAS	SS
10 - 12		03380084	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s):				**Fee Required:** No	
Description: In Ethnic Studies: Mexican American Studies, an elective course, students learn about the history and cultural contributions of Mexican Americans. Students explore history and culture from an interdisciplinary perspective. The course emphasizes events in the 20th and					

21st centuries, but students will also engage with events prior to the 20th century.

433R	Ethnic Studies: African American Studies			AFAMSTUD	SS
10 - 12		03380085	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s):				**Fee Required:** No	

Description: In Ethnic Studies: African American Studies, an elective course, students learn about the history and cultural contributions of African Americans. This course is designed to assist students in understanding issues and events from multiple perspectives. This course develops an understanding of the historical roots of African American culture, especially as it pertains to social, economic, and political interactions within the broader context of United States history. It requires an analysis of important ideas, social and cultural values, beliefs, and traditions. Knowledge of past achievements provides citizens of the 21st century with a broader context within which to address the many issues facing the United States

434R	Psychology			PSYCH	SS
11 - 12		03350100	**Length of Course:** Semester	**Credit:** 0.5	On-Level
Prerequisite(s): None				**Fee Required:** No	

Description: In this elective course, students 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.

435R	Sociology			SOCIO	SS
11 - 12		03370100	**Length of Course:** Semester	**Credit:** 0.5	On-Level
Prerequisite(s): None				**Fee Required:** No	

Description: Sociology, an elective course, is an introductory study in social behavior and the 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

Fine Arts Courses

801R	Band 1			MUS1BAND	FINEART
9 - 12		03150100	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): None Corequisite: Students must enroll in a zero-hour course for participation.				**Fee Required:** Yes	

Description: The high school band is designed to be the culmination of the Taylor ISD band program. Heavy emphasis is placed on the importance of music as a performing art. The performance-oriented organization strives to provide aesthetic and creative outlets for the individual as well as group expression. Areas that are brought out in the course of rehearsals include but are not limited to: the understanding of recreating an art form for the enjoyment of listener and performer, the esprit-de-corps associated with being a member of a respected organization, self-discipline in the independence of individual study, and socio-cultural influences reflected through music. The high school band functions as a representative of Taylor ISD in school, community, region, and state activities. On occasion, the band will represent Taylor in various out-of-city/state functions. Students will concurrently earn 0.5 credits for the physical education requirement.

801RC	Band - Color Guard			MUS1BAND	FINEART
9 - 12		03150100	**Length of Course:** Year	**Credit:** 1	On-Level

Prerequisite(s): None Corequisite: Students must enroll in a zero-hour course for participation.	**Fee Required:** Yes

Description: Color Guard is a year-long course in which students learn the technical skills involved in flag, rifle, and saber choreography as well as expressive dance. The course will prepare students for performances and competitions with the marching band on the field and pep rallies in the fall semester. In the spring, students will prepare for and compete in Winter Guard, which is an indoor performance venue. In addition, students will have the opportunity to compete in a self-choreographed solo and ensemble contest as well as perform in a Spring Show.

802R	**Band 2**			MUS2BAND	FINEART
9 - 12		03150200	**Length of Course:** Year	**Credit:** 1	On-Level

Prerequisite(s): None Corequisite: Students must enroll in a zero-hour course for participation.	**Fee Required:** Yes

Description: The high school band is designed to be the culmination of the Taylor ISD band program. Heavy emphasis is placed on the importance of music as a performing art. The performance-oriented organization strives to provide aesthetic and creative outlets for the individual as well as group expression. Areas that are brought out in the course of rehearsals include but are not limited to: the understanding of recreating an art form for the enjoyment of listener and performer, the esprit-de-corps associated with being a member of a respected organization, self-discipline in the independence of individual study, and socio-cultural influences reflected through music. The high school band functions as a representative of Taylor ISD in school, community, region, and state activities. On occasion, the band will represent Taylor in various out-of-city/state functions. Students will concurrently earn 0.5 credits for the physical education requirement.

803R	**Band 3**			MUS3BAND	FINEART
9 - 12		03150300	**Length of Course:** Year	**Credit:** 1	On-Level

Prerequisite(s): None Corequisite: Students must enroll in a zero-hour course for participation.	**Fee Required:** Yes

Description: The high school band is designed to be the culmination of the Taylor ISD band program. Heavy emphasis is placed on the importance of music as a performing art. The performance-oriented organization strives to provide aesthetic and creative outlets for the individual as well as group expression. Areas that are brought out in the course of rehearsals include but are not limited to: the understanding of recreating an art form for the enjoyment of listener and performer, the esprit-de-corps associated with being a member of a respected organization, self-discipline in the independence of individual study, and socio-cultural influences reflected through music. The high school band functions as a representative of Taylor ISD in school, community, region, and state activities. On occasion, the band will represent Taylor in various out-of-city/state functions. Students will concurrently earn 0.5 credits locally.

804R	**Band 4**			MUS4BAND	FINEART
9 - 12		03150400	**Length of Course:** Year	**Credit:** 1	On-Level

Prerequisite(s): None Corequisite: Students must enroll in a zero-hour course for participation.	**Fee Required:** Yes

Description: The high school band is designed to be the culmination of the Taylor ISD band program. Heavy emphasis is placed on the importance of music as a performing art. The performance-oriented organization strives to provide aesthetic and creative outlets for the individual as well as group expression. Areas that are brought out in the course of rehearsals include but are not limited to: the understanding of recreating an art form for the enjoyment of listener and performer, the esprit-de-corps associated with being a member of a respected organization, self-discipline in the independence of individual study, and socio-cultural influences reflected through music. The high school band functions as a representative of Taylor ISD in school, community, region, and state activities. On occasion, the band will represent Taylor in various out-of-city/state functions. Students will concurrently earn 0.5 credits for the physical education requirement.

817R	**JV Choir *(Choir 1)***			CHOIR1	FINEART
9 - 12		03150900	**Length of Course:** Year	**Credit:** 1	On-Level

Prerequisite(s): None	**Fee Required:** Yes

Description: The JV Choir is a beginning choir for students who are interested in learning to sing, read music, and perform in a group. There will also be opportunities for solo singing within this course. This course requires no previous experience in music. Students will be evaluated on an individual basis before being placed in this choir. The requirements for this course are working in class every day and attending a few performances outside of school hours.

818R	**Varsity Choir *(Choir 2)***			CHOIR2	FINEART
9 - 12		031501000	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Audition Required				**Fee Required:** Yes	

Description: The Varsity Choir is an auditioned mixed ensemble for students who are already comfortable singing in a choral setting. Previous music reading experience is required. This group will serve as the main group for contests and will focus mainly on scholastic and sacred choral music. This is a great opportunity for students who would like to compete in areas of performing arts as we learn how to become better musicians and performers.

819R	**Sensations *(Choir 3 & Choir 4)***			CHOIR3	FINEART
9 - 12		033401100	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Audition Required. Concurrent enrollment in Varsity Choir required.				**Fee Required:** Yes	

Description: The Show Choir will be a re-branding of the previous "sensations." This group will be for the most elite singers. An audition will be required, although being in a previous music group is not required (but preferred). This group will focus on vocal jazz, pop music arrangements, Acappella, as well as sacred and scholastic music as well. This group will serve as an ambassador of the school to the community, and a recruiting entity for the choral program.

531R	**Principles of Dance 1**			DANCE1	FINEART
9 - 12		03830100	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): None				**Fee Required:** No	

Description: This course is an introduction to all basic dance techniques (ballet, jazz, modern, contemporary and world dance) including vocabulary and principles of all dance forms. Group and individual projects through choreography and research are introduced. **Students may earn up to one P.E. OR Fine Arts credit. **Please note: Appropriate dance attire is required for ALL dance classes.****

532R	**Principles of Dance 2**			DANCE2	FINEART
10 - 12		03830200	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of Dance 1 OR test placement by instructor.				**Fee Required:** Yes	

Description: This course further extends skills and concepts introduced in Dance I. Vocabulary of dance movement and knowledge of factors that influence movement will be further explored. Creative expression through choreography opportunities will be introduced. **Students may earn up to one P.E. OR Fine Arts credit. **Please note: Appropriate dance attire is required for ALL dance classes.****

533R	**Principles of Dance 3**			DANCE3	FINEART
11 - 12		03830300	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of Dance 2 OR test placement by instructor.				**Fee Required:** Yes	

Description: This course further extends the skills and concepts introduced in Dance 2. The vocabulary of dance movement and knowledge of factors that influence movement will be further explored. Creative expression through choreography opportunities will be introduced.. **Students may earn up to one P.E. OR Fine Arts credit. **Please note: Appropriate dance attire is required for ALL dance classes.****

534R	**Principles of Dance 4**			DANCE4	FINEART

12		03830400	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of Dance 3 OR test placement by instructor.				**Fee Required:** Yes	
Description: This course further extends the skills and concepts introduced in Dance 3. The vocabulary of dance movement and knowledge of factors that influence movement will be further explored. Creative expression through choreography opportunities will be introduced.. **Students may earn up to one P.E. OR Fine Arts credit. **Please note: Appropriate dance attire is required for ALL dance classes.****					
635R	**Art 1 *(Fundamentals of Art)***			ART1	FINEART
9 - 12		03500100	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): None				**Fee Required:** No	
Description: This course lays the basic foundation for learning art processes, procedures, theories, history, and art criticisms. The approach is experimental in the use of materials (drawing, painting, printmaking, ceramics, sculpture) but structured to provide students a strong foundation in design, process, and vocabulary.					
636R	**Art 2 - Drawing 1**			ART2DRAW	FINEART
10 - 12		0350200	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of Art 1.				**Fee Required:** No	
Description: The course will continue to build up knowledge of art processes, procedures, theories, history, and art judgment. Students who take this course will use a variety of materials (drawing, painting, printmaking, sculpture) and are encouraged to make more in-depth choices about art-making. This course offers opportunities for visual perception, art expression, art appreciation, and art criticisms, as these are critical components of this course.					
637R	**Art 2 - Ceramics 1**			ART2CERAM	FINEART
10 - 12		03500900	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of Art 1.				**Fee Required:** No	
Description: Students will study design elements and principles of form and space while working with clay. They will explore various types of building techniques, the different processes of working with clay, and a myriad of surface treatments. This course offers opportunities for students to begin working through the artistic thinking process and finding their voice, as these are critical components of this course.					
638R	**Art 3 - Drawing 2**			ART3DRAW	FINEART
11 - 12		0035003300	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of Art 2 - Drawing 1				**Fee Required:** No	
Description: This course is designed for the student who desires further study in art. The continuation of artmaking techniques and content/meaning of artworks will be a focus, in addition to understanding the artistic thinking process and the studio habits of mind.					
640R	**Art 3 - Ceramics 2**			ART3CERAM	FINEART
11 - 12		003501800	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of Art 2 - Ceramics 1				**Fee Required:** No	
Description: Students develop design skills that emphasize form and space in student/teacher choice of clay building techniques and surface treatments. They will continue to build on previously learned clay techniques while learning new techniques and focusing more on concepts. This course continues to offer opportunities for students to work through the artistic thinking process, and find their voice, as these are critical components of this course.					

642R	Art 4 - Drawing 3			ART4DRAW	FINEART
12		03500400	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of Art 3 - Drawing 2				**Fee Required:** No	
Description: This course is designed for the student who desires further study in art but does not have the desire to submit a portfolio to the Advanced Placement Board. Emphasis will be placed on advanced art-making techniques and the content/meaning of artwork created.					

641R	Art 4 - Ceramics 3			ART4CERAM	FINEART
12		03502700	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of Art 3 - Ceramics 2				**Fee Required:** No	
Description: Students continue to develop ceramic design skills that emphasize form, space, and design in student choice of techniques with a heavy emphasis on content and context.					

641A	AP Studio Art (3 - D Art & Design)			AP3DDP	FINEART
11 - 12		A3500500	**Length of Course:** Year	**Credit:** 1	AP
Prerequisite(s): Successful completion of Art 2 - Ceramics 1 and Art 3 - Ceramics 2 are recommended prior to taking this course.				**Fee Required:** No	
Description: AP 3-D Art and Design Portfolio is a college-level course open to students who are seriously interested in the practical experience of art, concentrating on 3-D design. AP 3D Art and Design Portfolio Exam is not based on a written exam; instead, the focus will be to submit portfolio exams to College Board for evaluation and the successful completion of the AP course at the end of the school year. Students create a portfolio of work to demonstrate inquiry through art and design and the development of materials, processes, and ideas over the course of the year. Work focuses on the use of Elements and Principles of Art and Design, which include balance, repetition, relationship, connection, juxtaposition, and hierarchy. Portfolio Exam contains two sections. The Selected Works Section, which requires students to demonstrate skillful synthesis of materials, processes, and ideas. The Sustained Investigation section requires students to conduct a sustained investigation based on questions, through practice, experimentation, and revision. Both sections of the portfolio require students to articulate information about their work.					

639A	AP Studio Art (2 - D Art & Design)			AP2DDP	FINEART
11 - 12		A3500300	**Length of Course:** Year	**Credit:** 1	AP
Prerequisite(s): Successful completion of Art 2 - Drawing 1 and Art 3 - Drawing 2 are recommended prior to taking this course.				**Fee Required:** No	
Description: AP 2-D Art and Design Portfolio is a college-level course open to students who are seriously interested in the practical experience of art, concentrating on 2-D design. AP 2D Art and Design Portfolio Exam is not based on a written exam; instead, the focus will be to submit portfolio exams to College Board for evaluation and the successful completion of the AP course at the end of the school year. Students create a portfolio of work to demonstrate inquiry through art and design and the development of materials, processes, and ideas over the course of the year. Work focuses on the use of Elements and Principles of Art and Design, which include figure-ground relationship, connection, juxtaposition, and hierarchy. Portfolio Exam contains two sections. The Selected Works Section, which requires students to demonstrate skillful synthesis of materials, processes, and ideas. The Sustained Investigation section requires students to conduct a sustained investigation based on questions, through practice, experimentation, and revision. Both sections of the portfolio require students to articulate information about their work.					

143R	Theatre Arts - Drama 1			THEATRE1	FINEART
9 - 12		03250100	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s):				**Fee Required:** No	
Description: The course is intended to be a general introduction to the fundamentals of basic theatre production techniques. Students are					

introduced to acting, directing, makeup application, technical work, and costuming. Theatre history is an important component of this course leading to an appreciation of the theatre. Students are required to attend a live theatre performance during the school year.

144R	Theatre Arts - Drama 2			THEATRE2	FINEART
10 - 12		03250200	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Instructor approval required.				**Fee Required:** No	
Description: Theatre Arts - Drama 2 is designed to build on the skills learned in Theatre Arts I. Theatre production is stressed. Students learn audition techniques and advanced acting skills. Students are involved in duet acting, monologues, and group scenes. Students are required to attend a live theatre performance during the school year					

145R	Theatre Arts - Drama 3			THEATRE3	FINEART
10 - 12		03250300	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Instructor approval required.				**Fee Required:** No	
Description: Theatre Arts - Drama 3 is the study of advanced theatre techniques in design, lighting, costuming, acting, critique, directing, and auditioning skills. This is a production-oriented course. Students are required to attend a live theatre performance during the school year					

146R	Theatre Arts - Drama 4			THEATRE4	FINEART
10 - 12		03250400	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Instructor approval required.				**Fee Required:** No	
Description: This course is designed for a student who is serious about theatre production. Students may write their own plays, direct scenes, and one-act plays for public performance, and study advanced lighting, acting/characterization, costuming, and makeup. Participation in extra-curricular productions is stressed. Students are required to attend a live theatre performance during the school year.					

147R	Technical Theatre 1			TH1TECH	FINEART
9 - 12		03250500	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s):				**Fee Required:** No	
Description: Technical Theatre combines theories of design and stagecraft techniques with construction and operation of production elements including set construction, property management, lighting, sound, costumes, makeup, and public relations. Students are required to attend a live theatre performance during the school year. Time beyond the school day is expected.					

147R	Technical Theatre 2			TH2TECH	FINEART
10 - 12		03250600	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s):				**Fee Required:** No	
Description: This course is designed to give students an opportunity to build on skills learned in Technical Theatre I. They will do individual studies in the areas of lighting, costume construction and design, set design and construction, sound, makeup, props, and publicity. Students enrolled in this course will be expected to complete additional work beyond the regular school day. Students are required to attend a live theatre performance during the school year.					

Languages Other Than English

171R	Spanish 1	SPAN1	LOTE

9 - 12		03440100	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s):				**Fee Required:** No	
Description: In Spanish 1, students will utilize communication skills such as reading, writing, listening, speaking, viewing and presenting to develop their knowledge and use of the Spanish language. Through the process, students will also gain knowledge of cultural practices and products in Spanish-speaking countries and develop an understanding of the nature of their own language. Students will be able to use Spanish both within and beyond the school setting through activities such as participating in cultural events and using technology to communicate.					
172R	**Spanish 2**			SPAN2	LOTE
9 - 12		03440200	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of Spanish 1				**Fee Required:** No	
Description: Engaging in activities that incorporate listening, speaking, reading, writing, viewing, and presenting, students will continue to develop their Spanish language skills building new content vocabulary and grammar, which is appropriate for the intermediate level of language learning. They will also continue to acquire a view of Hispanic culture and be able to use Spanish beyond the school setting through activities such as participating in cultural events and using technology to communicate.					
173R	**Spanish 3 - Honors**			SPAN3	LOTE
10 - 12		03440300	**Length of Course:** Year	**Credit:** 1	Honors
Prerequisite(s): Successful completion of Spanish 2				**Fee Required:** No	
Description: Spanish 3 Honors encompasses listening, speaking, reading, and writing skills, grammar, culture, and research. The students are expected to be able to comprehend and accurately express ideas in Spanish, acquire vocabulary, grasp grammatical structure, accurately read magazine articles and literature selections in Spanish, as well as memorize original dialogues and translate and memorize simple poetry.					
174R	**AP Spanish 4 *(AP Spanish Language & Culture)***			APSPANLAN	LOTE
11 - 12		A3440100	**Length of Course:** Year	**Credit:** 1	AP
Prerequisite(s): Successful completion of Spanish 3 or Native Speaker with Teacher approval.				**Fee Required:** No	
Description: This course emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish course is taught almost exclusively in Spanish. The course engages students in an exploration of culture in both contemporary and historical contexts. Students can obtain college credit through satisfactory performance on the Advanced Placement Spanish Language and Culture exam.					
160R	**ASL 1 *(American Sign Language 1)***			ASL1	LOTE
9 - 12		03980100	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s):				**Fee Required:** No	
Description: This course is a basic introduction to ASL and Deaf culture. Students will learn to sign the manual alphabet, numbers, and basic phrases. Students will study the basic grammar and syntax of ASL.					
161R	**ASL 2 *(American Sign Language 2)***			ASL2	LOTE
10 - 12		03980200	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of ASL1				**Fee Required:** No	
Description: American Sign Language 2 takes sign language to the next level. Course content will include ASL conversational skills and translation.					

162R	ASL 2 *(American Sign Language 3)*			ASL3	LOTE
11 - 12		03980300	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of ASL2				**Fee Required:** No	
Description: American Sign Language 3 digs deeper and offers students a chance to experience total immersion.					
163R	**ASL 2 *(American Sign Language 4)***			ASL4	LOTE
12		03980400	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Successful completion of ASL3				**Fee Required:** No	
Description: American Sign Language IV is a continuation of the study of ASL, its basic vocabulary, structure, history, and the deaf community. Students continue to learn the basics for communication with deaf individuals; they also learn how to express abstract concepts in ASL.					

Physical Education / Athletics

Physical Education Substitutions:
Enrollment in one of the following courses offer a simultaneous credit of physical education as identified below:

- Marching band (0.5 - fall semester only)
- Cheerleading (0.5 - fall semester only)
- Dance I (1.0 - full year)

501R	PE (Foundations of Personal Fitness)			PEFOUND	PHYSED
9 - 12		PES00053	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s):				**Fee Required:** No	
Description: The purpose of this course is to motivate students to live a healthy lifestyle that promotes personal fitness with an emphasis on the health-related components of physical fitness. Students will use the knowledge and skills taught in this course to design their own personal fitness program. This course includes classroom instruction and physical activity. *Students may take this course once for a maximum of 1.0 credit**					
511R	**Athletics 1 - 4**			ATHLET1	PHYSED
9 - 12		PES00000	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Coach approval AND Completed Sports Physical on File				**Fee Required:** No	

Description: This is not a regular P.E. class. This course is designed for the development of students interested in participating in UIL sanctioned sports and extracurricular sports activities while representing Taylor High School. All prior requirements, attaining, and sustaining eligibility must be completed prior to enrollment. Students in the Athletics class will be highly trained and developed for competition-level activities. Rigorous workouts are required and must be completed. Daily physical exertion is mandatory. Competition-based extracurricular activities require a well-trained and disciplined mind and body. Therefore, this class is run at a very intense level. Only students who are serious about competition-based sports need to consider this class. It is a requirement of the Taylor Athletic Handbook that all students representing Taylor ISD Athletic teams must be involved in the Athletic class. Upon completion of the course, students will satisfy the graduation requirement for Physical Education as well as be finely trained for competitive UIL sanctioned sports.

Activities designated as athletics include

- BOYS - Football, Basketball, Baseball, Track, Soccer
- GIRLS - Volleyball, Basketball, Softball, Track, Soccer

After receiving 1 credit of Athletics, students will receive subsequent credits as local elective credits.

522R	Cheer 1 - 4			CHEER	PHYSED
9 - 12		PES00000	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Coach approval AND Completed Sports Physical on File				**Fee Required:** No	
Description: This is not a regular P.E. class. This course is designed for the development of students participating in cheerleading extracurricular activities. Group and individual projects through choreography and research are introduced. **Students may earn up to one-half P.E. credit.**					

612R	Lifetime Nutrition & Wellness			LIFENUTWELL	HEALTH
10 - 12		13024500	**Length of Course:** Semester	**Credit:** 0.5	On-Level
Prerequisite(s): None				**Fee Required:** No	
Description: Lifetime Nutrition and Wellness is a laboratory course that allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences.					

997R	Partners in PE - Peer Assistance			PAWD1	PHYSED
10 - 12		N1290203	**Length of Course:** Year	**Credit:** 1.0	On-Level
Prerequisite(s): Application Required				**Fee Required:** No	
Description: This is not a regular P.E. class. This course is an opportunity for students to work together to aid the needs of their peers requiring additional assistance. **Students may earn up to one-half P.E. credit.**					

998R	Partners in PE - Peer Assistance 2			PAWD2	PHYSED
10 - 12		N1290203	**Length of Course:** Year	**Credit:** 1.0	On-Level
Prerequisite(s): Application Required				**Fee Required:** No	
Description: This is not a regular P.E. class. This course is an opportunity for students to work together to aid the needs of their peers requiring additional assistance. **Students may earn up to one-half P.E. credit.**					

Taylor ISD offers career and technical education programs in Health Science, Child Development, Transportation, Foods & Nutrition, Culinary, Agriculture/Mechanics, Cooperative Education, Business Information, Commercial Photography, Audio Visual and Criminal Justice. Admission to these programs is open to all students, but some courses may require a prerequisite course. It is the policy of Taylor ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. It is the policy of Taylor ISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended. Taylor ISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs. For information about your rights or grievance procedures, contact the Title IX Coordinator, Tiffany Whitsel, and/or the Section 504 Coordinator, Renee Duckworth at 3101 N. Main, Ste 104, Taylor, TX 76574, 512-365-1391.

Section 5 - Career & Technical Education (CTE) Course Offerings & Descriptions

Agriculture, Food, and Natural Resources

Program of Study	First Course	Second Course	Third Course	Fourth Course
Animal Science	Principles of Agriculture, Food & Natural Resources	Equine Science and Small Animal Management	Livestock Production	Veterinary Medical App Advanced Animal Science
Plant Science	Floral Design	Advanced Floral Design	Greenhouse Operation and Production	Practicum in Agriculture, Food, Natural Resources Project-Based Research

Animal Science

620R	Principles of Agriculture, Food & Natural Resources			PRINAFNR	CTE
9 - 12	**Program of Study: Animal Science and Plant Science**	13000200	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): None				**Fee Required:** No	

Description: Principles of Agriculture, Food, and Natural Resources will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations.

606R	Equine Science			EQUINSCI	CTE
10 - 12	**Program of Study: Animal Science**	13000500	**Length of Course:** Semester	**Credit:** .5	On-Level
Recommended Prerequisite(s): Principles of Agriculture, Food & Natural Resources				**Fee Required:** No	

Description: In Equine Science, students will acquire knowledge and skills related to equine animal systems and the equine industry. Equine Science may address topics related to horses, donkeys, and mules.

605R	Small Animal Management			SMANIMGT	CTE
10 - 12	**Program of Study: Animal Science**	13000400	**Length of Course:** Semester	**Credit:** .5	On-Level
Recommended Prerequisite(s): Principles of Agriculture, Food & Natural Resources				**Fee Required:** No	
Description: In Small Animal Management, students will acquire knowledge and skills related to small animals and the small animal management industry. Small Animal Management may address topics related to small mammals such as dogs and cats, amphibians, reptiles, and birds.					
621R	Livestock Production			LIVEPROD	CTE
10–12	Program of Study: Animal Science	13000300	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): None				**Fee Required:** No	
Description: In Livestock Production, students will acquire knowledge and skills related to livestock and the livestock production industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry.					
623R	Advanced Animal Science			ADVANSCI	CTE
11–12	Program of Study: Animal Science	13000700	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Biology and Chemistry or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; and either Small Animal Management, Equine Science, or Livestock Production. **Recommended Prerequisite:** Veterinary Medical Applications.				**Fee Required:** No	
Description: Advanced Animal Science examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. *Note: This course satisfies a science credit requirement for students on the Foundation High School Program.*					
622R	Veterinary Medical Applications			VETMEDAP	CTE
11–12	Program of Study: Animal Science	13000600	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Equine Science, Small Animal Management, or Livestock Production.				**Fee Required:** No	
Description: Veterinary Medical Applications covers topics relating to veterinary practices, including practices for large and small animal species.					
Plant Science					
629R	Floral Design			FLORAL	CTE
9–12	Program of Study: Plant Science	13001800	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): None				**Fee Required:** No	
Description: Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations. *Note: This course satisfies a fine arts credit requirement for students on the Foundation High School Program.*					
632R	Advanced Floral Design			ADVFLDS	CTE
11–12	Program of Study: Plant Science	N1300270	**Length of Course:** Year	**Credit:** 1	On-Level

Prerequisites: Floral Design	**Fee Required:** No

Description: In this course, students build on the knowledge from the Floral Design course and are introduced to more advanced floral design concepts, with an emphasis on specialty designs and specific occasion planning. This course focuses on building skills in advanced floral design and providing students with a thorough understanding of the design elements and planning techniques used to produce unique specialty floral designs that support the goals and objectives of a specific occasion or event. Through the analysis and evaluation of various occasion and event types, students explore the design needs and expectations of clients and propose and evaluate appropriate creations. From conception to evaluation, students are challenged to create and design appropriate specialty floral designs that meet the needs of the client. Furthermore, an emphasis on budgetary adherence and entrepreneurship equips students with many of the necessary skills needed for success in floral enterprises.

####	Greenhouse Operation and Production			GREOP	CTE
10 –12	Program of Study: Plant Science	13002050	**Length of Course:** Year	**Credit:** 1	On-Level
Recommended Prerequisite(s): Principles of Agriculture, Food & Natural Resources				**Fee Required:** No	

Description: Greenhouse Operation and Production is designed to develop an understanding of greenhouse production techniques and practices. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

690R	Practicum in Agriculture, Food, and Natural Resources			PRACAFNR1	CTE
11 -12	Program of Study: Plant Science	13002500	**Length of Course:** Year	**Credit:** 2	On-Level
Recommended Prerequisite: A minimum of one credit from the courses in the Agriculture, Food, and Natural Resources Career Cluster.					

Description: Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in Agriculture, Food, and Natural Resources Career Cluster.

####	Project-Based Research			PROBS1	CTE
11 - 12	Program of Study: Plant Science	12701500	**Length of Course:** Year	**Credit:** 1	On-Level
Recommended Prerequisites: A minimum of one credit from the courses in the Agriculture, Food, and Natural Resources Career Cluster.				**Fee Required:** No	

Description: Project-Based Research is a course for students to research a real-world problem. Students are matched with a mentor from the business or professional community to develop an original project on a topic related to career interests. Students use scientific methods of investigation to conduct in-depth research, compile findings, and present their findings to an audience that includes experts in the field. To attain academic success, students must have opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

2022 - 2023 Taylor High School
Course Selection Guide

Taylor ISD offers career and technical education programs in Health Science, Child Development, Transportation, Foods & Nutrition, Culinary, Agriculture/Mechanics, Cooperative Education, Business Information, Commercial Photography, Audio Visual and Criminal Justice. Admission to these programs is open to all students, but some courses may require a prerequisite course. It is the policy of Taylor ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. It is the policy of Taylor ISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended. Taylor ISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs. For information about your rights or grievance procedures, contact the Title IX Coordinator, Tiffany Whitsel, and/or the Section 504 Coordinator, Renee Duckworth at 3101 N. Main, Ste 104, Taylor, TX 76574, 512-365-1391.

Arts, Audio/Video Technology, and Communications

Program of Study	First Course	Second Course	Third Course	Fourth Course
Digital Communications	Principles of Arts, A/V Technology, and Communications	Audio/Video Production I	A/V Production II	Practicum of A/V Production
Design & Multimedia Arts	Principles of Arts, A/V Technology, and Communications	Commercial Photography I or Graphic Design I	Commercial Photography II or Graphic Design II	Practicum in Commercial Photography or Practicum in Graphic Design Career Preparation I

Digital Communications

710R	Principles of Arts, A/V Technology, and Communications			PRINAAVTC	CTE
9	Program of Study: Design/ Multimedia Arts and Digital Communications	13008200	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): None				**Fee Required:** No	
Description: The goal of this course is that the student understands arts, audio/video technology, and communications systems. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.					
726R	Audio/Video Production I			AVPROD1	CTE
10- 12	Program of Study: Digital Communications	13008500	**Length of Course:** Year	**Credit:** 1	On-Level
Recommended Prerequisite: Principles of Arts, Audio/Video Technology, and Communications.				**Fee Required:** No	
Description: In addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video products.					

727R	Audio/Video Production 2			AVPROD2	CTE
10 - 12	Program of Study: Digital Communications	13008600	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): Audio/Video Production I				**Fee Required:** No	
Description: Building upon the concepts taught in Audio/Video Production, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production products. This course may be implemented in an audio format or a format with both audio and video.					

719R	Practicum in Audio/Video Production			PRACAVP1	CTE
11 - 12	Program of Study: Digital Communications	13008700	**Length of Course:** Year	**Credit:** 2	On-Level
Prerequisite(s): Audio/Video Production II				**Fee Required:** No	
Description: Building upon the concepts taught in Audio/Video Production II and its corequisite Audio/Video Production II Lab, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an increased understanding of the industry with a focus on applying pre-production, production, and post-production audio and video products in a professional environment. This course may be implemented in an advanced audio/video or audio format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.					

Design & Multimedia Arts - Graphic Design

710R	Principles of Arts, A/V Technology, and Communications			PRINAAVTC	CTE
9	Program of Study: Design/ Multimedia Arts and Digital Communications	13008200	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): None				**Fee Required:** No	
Description: The goal of this course is that the student understands arts, audio/video technology, and communications systems. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.					

712R	**Graphic Design and Illustration I**			GRAPHDI1	CTE
10 - 12	Program of Study: Design/ Multimedia Arts	13008800	**Length of Course:** Year	**Credit:** 1	On-Level
Recommended Prerequisite: Principles of Arts, Audio/Video Technology, and Communications.				**Fee Required:** No	
Description: Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design.					

729R	**Graphic Design and Illustration II**			GRAPHDI2	CTE
10 - 12	Program of Study: Design/ Multimedia Arts	13008900	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite: Graphic Design and Illustration I.				**Fee Required:** No	
Description: Within this context, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.					

720R	**Practicum in Graphic Design and Illustration**			PRACGRD1	CTE
11 - 12	Program of Study: Design/ Multimedia Arts	13009000	**Length of Course:** Year	**Credit:** 2	On-Level
Prerequisite: Graphic Design and Illustration ll				**Fee Required:** No	
Description: In addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.					

Design & Multimedia Arts - Commercial Photography

710R	Principles of Arts, A/V Technology, and Communications			PRINAAVTC	CTE
9	Program of Study: Design/ Multimedia Arts and Digital Communications	13008200	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): None				**Fee Required:** No	
Description: The goal of this course is that the student understands arts, audio/video technology, and communications systems. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.					

716R	**Commercial Photography I**			CPHOTO1	CTE
9-12	Program of Study: Design/ Multimedia Arts	13009100	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite: Graphic Design and Illustration I.				**Fee Required:** No	
Description: In addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the commercial photography industry with a focus on creating quality photographs.					

717R	**Commercial Photography II**			CPHOTO2	CTE
10 - 12	Program of Study: Design/ Multimedia Arts	13009200	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite: Graphic Design and Illustration I.				**Fee Required:** No	
Description: In addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs.					

721R	**Practicum in Commercial Photography**			PRACCPH1	CTE
11 - 12	Program of Study: Design/ Multimedia Arts	13009250	**Length of Course:** Year	**Credit:** 2	On-Level
Prerequisite: Commercial Photography I along with teacher recommendation.				**Fee Required:** No	
Description: In addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs.					

661R	**Career Preparation I/Extended Career Preparation**			EXCAREE1	CTE
12	Program of Study: All	12701305	**Length of Course:** Year	**Credit:** 3	On-Level
Prerequisite: None				**Fee Required:** No	

Description: Extended Career Preparation provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

Taylor ISD offers career and technical education programs in Health Science, Child Development, Transportation, Foods & Nutrition, Culinary, Agriculture/Mechanics, Cooperative Education, Business Information, Commercial Photography, Audio Visual and Criminal Justice. Admission to these programs is open to all students, but some courses may require a prerequisite course. It is the policy of Taylor ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. It is the policy of Taylor ISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended. Taylor ISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs. For information about your rights or grievance procedures, contact the Title IX Coordinator, Tiffany Whitsel, and/or the Section 504 Coordinator, Renee Duckworth at 3101 N. Main, Ste 104, Taylor, TX 76574, 512-365-1391.

Architecture and Construction

Plumbing and Pipefitting

Program of Study	First Course	Second Course	Third Course	Fourth Course
Plumbing and Pipefitting	Introduction to Welding	Plumbing Technology I	Plumbing Technology II	Practicum in Construction Technology Career Preparation I

829R	Introduction to Welding			INTRWELD	CTE
9 - 12	Program of Study: Plumbing and Pipefitting	13032250	**Length of Course:** Year	**Credit:** 1	On-Level
Prerequisite(s): None				**Fee Required:** No	

Description: Introduction to Welding will introduce welding technology with an emphasis on basic welding laboratory principles and operating procedures. Students will be introduced to the three basic welding processes. Topics include industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards. Introduction to Welding will provide students with the knowledge, skills, and technologies required for employment in the welding industry. This course supports the integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills will prepare students for future success.

###	**Plumbing Technology I**			PLTECH1	CTE
10-12	Program of Study: Plumbing and Pipefitting	13006000	**Length of Course:** Year	**Credit:** 1	On-Level
Recommended Prerequisite: Introduction to Welding				**Fee Required:** No	

Description: In Plumbing Technology, I, students will gain knowledge and skills needed to enter the industry as a plumbing apprentice, building maintenance technician, or supervisor or prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in industry workplace basics and employer/customer expectations, including how to use a plumbing codebook; how to identify and use power and hand tools; how to be safe on the jobsite and when using hand and power tools; how to apply basic plumbing mathematics and plumbing drawing; and how to identify, fit, and use plastic, copper, cast iron, carbon steel, and corrugated stainless steel pipe. In addition, students will be introduced to gas, drainage, and water supply systems and continue their knowledge of workplace basics and green technologies.

###	**Plumbing Technology II (Available 2023-2024 school year)**			PLTECH2	CTE
11-12	Program of Study: Plumbing and Pipefitting	13006100	**Length of Course:** Year	**Credit:** 1	On-Level

Recommended Prerequisite: Plumbing Technology I				**Fee Required:** No	
Description: In Plumbing Technology II, students will gain the advanced knowledge and skills needed to enter the industry as a plumber, building maintenance technician, or supervisor or prepare for a postsecondary degree in mechanical engineering. Students will acquire knowledge and skills in plumbing codes, industry workplace basics, and employer/customer expectations, including tool and job site safety, advanced plumbing mathematics, commercial drawings, basic electricity, hanger installation, supports and structural penetrations, roof drains, fixture installation, valves and faucets, and oxy-fuel safety. Students will also learn about setup, cutting, brazing, and welding water system sizing; gas, drain, waste, and vent installation and testing; and water heater installation.					
###	**Practicum in Construction Technology (Available 2023-2024 school year)**			PRACCT1	CTE
12	Program of Study: Plumbing and Pipefitting	13005250	**Length of Course:** Year	**Credit:** 2	**GPA Level** 1
Recommended Prerequisite: Plumbing Technology I				**Fee Required:** No	
Description: In Practicum in Construction Technology, students will be challenged with the application of knowledge and skills gained in previous construction-related coursework. In many cases students will be allowed to work at a job (paid or unpaid) outside of school or be involved in local projects the school has approved for this class.					
661R	**Career Preparation I/Extended Career Preparation**			EXCAREE1	CTE
11-12	Program of Study: All	12701305	**Length of Course:** Year	**Credit:** 2 or 3	**Level** 1 - on level
Prerequisite: None				**Fee Required:** No	
Description: Extended Career Preparation provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.					

Taylor ISD offers career and technical education programs in Health Science, Child Development, Transportation, Foods & Nutrition, Culinary, Agriculture/Mechanics, Cooperative Education, Business Information, Commercial Photography, Audio Visual and Criminal Justice. Admission to these programs is open to all students, but some courses may require a prerequisite course. It is the policy of Taylor ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. It is the policy of Taylor ISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended. Taylor ISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs. For information about your rights or grievance procedures, contact the Title IX Coordinator, Tiffany Whitsel, and/or the Section 504 Coordinator, Renee Duckworth at 3101 N. Main, Ste 104, Taylor, TX 76574, 512-365-1391.

Business, Marketing and Finance

Business Management

Program of Study	First Course	Second Course	Third Course	Fourth Course
Business Management	Business Information Management I	Business Information Management II	Business Management	Practicum in Business Management (TC Marketing 1301) Career Preparation I

702R	Business Information Management I			BUSIM1	CTE
9 - 12	Program of Study: Business Management	13011400	**Length of Course:** Year	**Credit:** 1	**GPA Level** 1
Recommended Prerequisite: Principles of Business, Marketing, and Finance				**Fee Required:** No	
Description: In Business Information Management I, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.					
703R	Business Information Management II			BUSIM2	CTE
10 - 12	Program of Study: Business Management	13011500	**Length of Course:** Year	**Credit:** 1	**GPA Level** 1
Prerequisite: Business Information Management I.				**Fee Required:** No	
Description: In Business Information Management II, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software.					
###	Business Management			BUSMGT	CTE
10 - 12	Program of Study: Business Management	13012100	**Length of Course:** Year	**Credit:** 1	**GPA Level** 1
Prerequisite: Business Information Management I.				**Fee Required:** No	
Description: Business Management is designed to familiarize students with the concepts related to business management as well as the functions of management, including planning, organizing, staffing, leading, and controlling. Students will also demonstrate interpersonal and project-management skills.					
###	**Practicum in Business Management**			PRACBM	CTE
11- 12	Program of Study: Business Management	13012200	**Length of Course:** Year	**Credit:** 2	**GPA Level** 1
Recommended Prerequisites: Business Management or Business Information Management II.				**Fee Required:** No	

Description: Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.

661R	**Career Preparation I/Extended Career Preparation**			EXCAREE1	CTE
11-12	Program of Study: All	12701305	**Length of Course:** Year	**Credit:** 2 or 3	**GPA Level** 1
Prerequisite: None				**Fee Required:** No	

Description: Extended Career Preparation provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

Taylor ISD offers career and technical education programs in Health Science, Child Development, Transportation, Foods & Nutrition, Culinary, Agriculture/Mechanics, Cooperative Education, Business Information, Commercial Photography, Audio Visual and Criminal Justice. Admission to these programs is open to all students, but some courses may require a prerequisite course. It is the policy of Taylor ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. It is the policy of Taylor ISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended. Taylor ISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs. For information about your rights or grievance procedures, contact the Title IX Coordinator, Tiffany Whitsel, and/or the Section 504 Coordinator, Renee Duckworth at 3101 N. Main, Ste 104, Taylor, TX 76574, 512-365-1391.

Health Science

Program of Study	First Course	Second Course	Third Course	Fourth Course
Healthcare Therapeutic	Principles of Health Science	Medical Terminology (DC HITT 1305)	Health Science Theory/Clinical and Anatomy and Physiology	Practicum in Health Science
Exercise Science and Wellness (Sports Medicine)		Kinesiology I	Anatomy and Physiology Kinesiology II	Project Based Research Career Preparation I

Healthcare Therapeutic

740R	Principles of Health Science			PRINHLSC	CTE
9 - 10	Program of Study: Healthcare Therapeutic	13020200	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Prerequisite(s): None				**Fee Required:** No	

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

330R	Medical Terminology			MEDTERM	CTE
9 - 12	Program of Study: Healthcare Therapeutic	13020300	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Recommended Prerequisite: Principles of Health Science				**Fee Required:** No	

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

742R	Health Science Theory			HLTHSCI	CTE
10 - 12	Program of Study: Healthcare Therapeutic	13020400	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Recommended Prerequisite: One credit from Healthcare Therapeutic				**Fee Required:** No	

Corequestiste: Anatomy & Physiology	

Description: The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development.

324R	Anatomy and Physiology			ANATPHYS	Science
10 - 12	Program of Study: Healthcare Therapeutic	13020600	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Prerequisite: Biology AND one credit of Chemistry, IPC, OR Physics				**Fee Required:** No	

Description: The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. *Note: This course satisfies a science credit requirement for students on the Foundation High School Program.*

734R	**Practicum in Health Science**			PRACHLS1	CTE
11-12	Program of Study: Healthcare Therapeutic	13012200	**Length of Course:** Year	**Credit:** 2	**GPA Level 1**
Prerequisites: Health Science Theory and Biology.				**Fee Required:** No	

Description: The Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Exercise Science and Wellness (Sports Medicine)

###	**Kinesiology I (Sports Medicine I)**			KINES1	CTE
9-10	Program of Study: Exercise Science and Wellness	N1302104	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Recommended Prerequisites: Lifetime Nutrition & Wellness				**Fee Required:** No	

Description: This course is designed to introduce students to the basic concepts of kinesiology. Students will gain an understanding of body mechanics, physiological functions of muscles and movements, the history of kinesiology, and the psychological impact of sports and athletic performance. Students will also explore careers within the kinesiology field and be able to explain the societal demand for kinesiology-related jobs. Students will develop a foundation in Kinesiology I that will prepare them for upper-level courses that will dive deeper into the anatomical and physiological functions of the body and provide opportunities for an industry-certified exam such as a certified personal trainer.

###	**Kinesiology II (Sports Medicine II)**			KINES2	CTE
11-12	Program of Study: Exercise Science and Wellness	N1302115	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Prerequisites: Kinesiology I				**Fee Required:** No	

Description: The Kinesiology II course is designed to provide students an advanced level of knowledge, skills, and understanding of body composition and the effect on health, nutritional needs of physically active individuals, qualitative biomechanics,

application of therapeutic modalities, appropriate rehabilitation services, and aerobic training intensity programs. The course is designed to allow students to advance their understanding of professional standards, employability skills, and ethical and legal standards. Throughout this course, students explore the healthcare/exercise business model and gain an understanding of therapeutic sports psychology. Students develop proper aerobic fitness programs and rehabilitation programs. Kinesiology II prepares students for an industry certification exam such as Certified Personal Trainer.

600P	**Project-Based Research (Sports Medicine III)**			PROBS1	CTE
11-12	Program of Study: Exercise Science and Wellness	12701500	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Prerequisites: Kinesiology II				**Fee Required:** No	

Description: Project-Based Research is a course for students to research a real-world problem. Students are matched with a mentor from the business or professional community to develop an original project on a topic related to career interests. Students use scientific methods of investigation to conduct in-depth research, compile findings, and present their findings to an audience that includes experts in the field. To attain academic success, students must have opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Taylor ISD offers career and technical education programs in Health Science, Child Development, Transportation, Foods & Nutrition, Culinary, Agriculture/Mechanics, Cooperative Education, Business Information, Commercial Photography, Audio Visual and Criminal Justice. Admission to these programs is open to all students, but some courses may require a prerequisite course. It is the policy of Taylor ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. It is the policy of Taylor ISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended. Taylor ISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs. For information about your rights or grievance procedures, contact the Title IX Coordinator, Tiffany Whitsel, and/or the Section 504 Coordinator, Renee Duckworth at 3101 N. Main, Ste 104, Taylor, TX 76574, 512-365-1391.

Hospitality and Tourism

Culinary Arts

Program of Study	First Course	Second Course	Third Course	Fourth Course
Culinary Arts	Introduction to Culinary Arts	Culinary Arts	Advanced Culinary Arts	Practicum in Culinary Arts Or Career Preparation I

848R	**Introduction to Culinary Arts**			INCULART	CTE
9-12	Program of Study: Culinary Arts	13022550	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Prerequisite(s): None				**Fee Required:** No	

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

841R	**Culinary Arts**			CULARTS	CTE
10 - 12	Program of Study: Culinary Arts	13022600	**Length of Course:** Year	**Credit:** 2	**GPA Level 1**
Recommended Prerequisites: Introduction to Culinary Arts.				**Fee Required:** No	

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

843R	**Advanced Culinary Arts**			ADCULART	CTE
10 - 12	Program of Study: Culinary Arts	13022650	**Length of Course:** Year	**Credit:** 2	**GPA Level 1**
Prerequisite: Culinary Arts.				**Fee Required:** No	

Description: Advanced Culinary Arts will extend content and enhance skills introduced in Culinary Arts by in-depth instruction of industry-driven standards to prepare students for success in higher education, certifications, and/or immediate employment.

846R	**Practicum in Culinary Arts**			PRACCUL1	CTE
11 - 12	Program of Study: Culinary Arts	13022700	**Length of Course:** Year	**Credit:** 2	**GPA Level 1**
Prerequisites: Culinary Arts				**Fee Required:** No	

Description: Practicum in Culinary Arts is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Practicum in Culinary Arts integrates academic and career and technical education; provides more interdisciplinary instruction; and supports strong partnerships among

schools, businesses, and community institutions with the goal of preparing students with a variety of skills in a fast-changing culinary art-based workplace.

Manufacturing

Welding and Advanced Manufacturing/Machinery Mechanics

Program of Study	First Course	Second Course	Third Course	Fourth Course
Welding	Introduction to Welding	Welding I	Welding II	Practicum in Manufacturing or Career Preparation I
Advanced Manufacturing and Machinery Mechanics	Principles of Applied Engineering	Robotics I	Robotics II	Practicum in Manufacturing or Career Preparation I

Welding

829R	**Introduction to Welding**			INTRWELD	CTE
9 - 12	Program of Study: Welding	13032250	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Prerequisite(s): None				**Fee Required:** No	

Description: Introduction to Welding will introduce welding technology with an emphasis on basic welding laboratory principles and operating procedures. Students will be introduced to the three basic welding processes. Topics include industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards. Introduction to Welding will provide students with the knowledge, skills, and technologies required for employment in the welding industry. This course supports the integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills will prepare students for future success.

822R	**Welding I**			WELD1	CTE
10-12	Program of Study: Welding	13032300	**Length of Course:** Year	**Credit:** 2	**GPA Level 1**
Recommended Prerequisites: Algebra I, Introduction to Welding				**Fee Required:** No	

Description: Welding I provide the knowledge, skills, and technologies required for employment in metal technology systems. Students will develop knowledge and skills related to this system and apply them to personal career development. This course supports the integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success.

823R	**Welding II**			WELD2	CTE
11-12	Program of Study: Welding	13032400	**Length of Course:** Year	**Credit:** 2	**GPA Level 1**

Prerequisite: Welding I **Recommended Prerequisites:** Algebra I or Geometry				**Fee Required:** No	
Description: Welding II builds on the knowledge and skills developed in Welding I. Students will develop advanced welding concepts and skills related to personal and career development. Students will integrate academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.					
691R	**Practicum in Manufacturing**			PRACMAN1	CTE
12	Program of Study: Welding	13033000	**Length of Course:** Year	**Credit:** 2	**GPA Level 1**
Recommended Prerequisite: Welding II				**Fee Required:** No	
Description: The Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.					

Advanced Manufacturing/Machinery Mechanics

305R	**Principles of Applied Engineering**				CTE
10 - 12	Program of Study: Advanced Manufacturing/Machinery Mechanics	13036200	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Prerequisite: None				**Fee Required:** No	
Description: Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will understand the various fields of engineering and will be able to make informed career decisions. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.					
363R	**Robotics I**			ROBOTIC1	CTE
9-10	Program of Study: Advanced Manufacturing/Machinery Mechanics	13037000	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Prerequisite: None				**Fee Required:** No	
Description: In Robotics I, students will transfer academic skills to component designs in a project-based environment through the implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry.					
364R	**Robotics II**			ROBOTIC2	CTE
10 - 12	Program of Study: Advanced Manufacturing/Machinery Mechanics	13037050	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Prerequisite: Robotics I				**Fee Required:** No	
Description: In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry.					

Through the implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs.

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

661R	**Career Preparation I/Extended Career Preparation**			EXCAREE1	CTE
12	Program of Study: All	12701305	**Length of Course:** Year	**Credit:** 3	**GPA Level 1**
Prerequisite: None				**Fee Required:** No	

Description: Extended Career Preparation provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

Taylor ISD offers career and technical education programs in Health Science, Child Development, Transportation, Foods & Nutrition, Culinary, Agriculture/Mechanics, Cooperative Education, Business Information, Commercial Photography, Audio Visual and Criminal Justice. Admission to these programs is open to all students, but some courses may require a prerequisite course. It is the policy of Taylor ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. It is the policy of Taylor ISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended. Taylor ISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs. For information about your rights or grievance procedures, contact the Title IX Coordinator, Tiffany Whitsel, and/or the Section 504 Coordinator, Renee Duckworth at 3101 N. Main, Ste 104, Taylor, TX 76574, 512-365-1391.

Science, Technology, Engineering, and Mathematics

Program of Study	First Course	Second Course	Third Course	Fourth Course
Cybersecurity	Foundations of Cybersecurity	Computer Science I	AP Computer Science A	Practicum in STEM Project-Based Research or Career Prep I
Engineering	Principles of Applied Engineering	Engineering Design and Presentation I	Engineering Design and Presentation II	Practicum in STEM or Scientific Research and Design
Programming and Software Development	Computer Science I	AP Computer Science Principles	AP Computer Science A Or Computer Science II	Computer Science III Or Career Prep I

Cybersecurity

683R	**Foundations of Cybersecurity**			TAFCYB	CTE
9 - 12	Program of Study: Cybersecurity	03580850	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Prerequisite(s): None				**Fee Required:** No	

Description: In the Foundations of Cybersecurity course, students will develop the knowledge and skills needed to explore fundamental concepts related to the ethics, laws, and operations of cybersecurity. Students will examine trends and operations of cyberattacks, threats, and vulnerabilities. Students will review and explore security policies designed to mitigate risks. The skills obtained in this course prepare students for additional study in cybersecurity. A variety of courses are available to students interested in this field. Foundations of Cybersecurity may serve as an introductory course in this field of study.

681R	**Computer Science I**			TACS1	CTE
9-12	Program of Study: Cybersecurity	03580200	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Prerequisites: Algebra				**Fee Required:** No	

Description: Computer Science I will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology

appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem-solving, and decision making; digital citizenship; and technology operations and concepts.

683A **684A**	**AP Computer Science -A**			APTACSAM APTACSAL	CTE
11-12	Program of Study: Cybersecurity	A3580110 A3580120	**Length of Course:** Year	**Credit:** 2 (1 per section)	**GPA Level 1**
Recommended prerequisites: Algebra I				**Fee Required:** No	
Description: AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.					

600P	**Project-Based Research (Cybersecurity)**			PROBS1	CTE
11-12	Program of Study: Cybersecurity	12701500	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Prerequisites: Computer Science Courses				**Fee Required:** No	
Description: Project-Based Research is a course for students to research a real-world problem. Students are matched with a mentor from the business or professional community to develop an original project on a topic related to career interests. Students use scientific methods of investigation to conduct in-depth research, compile findings, and present their findings to an audience that includes experts in the field. To attain academic success, students must have opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.					

###	**Independent Study in Technology Applications**			TAIND1	CTE
12	Program of Study: Cybersecurity	03580900	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Recommended Prerequisite: a minimum of one credit from the courses in the Information Technology Career Cluster				**Fee Required:** No	
Description: In Independent Study in Technology Applications, through the study of technology applications foundations, including technology-related terms, concepts, and data input strategies, students will communicate information in different formats and to diverse audiences using a variety of technologies. Students will learn to make informed decisions; develop and produce original work that exemplifies the standards identified by the selected profession or discipline; and publish the product in electronic media and print. Students will practice the efficient acquisition of information by identifying task requirements, using search strategies, and using technology to access, analyze, and evaluate the acquired information. By using technology as a tool that supports the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, creaCarrete solutions, and evaluate the results. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem-solving, and decision making; digital citizenship; and technology operations and concepts.					

Programming and Software Development

681R	**Computer Science I**			TACS1	CTE
9-12	Program of Study: Programming/Software Development	03580200	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Prerequisites: Algebra				**Fee Required:** No	
Description: Computer Science I will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic					

communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem-solving, and decision making; digital citizenship; and technology operations and concepts.

532A	**Advanced Placement Computer Science Principles**			APCSPRIN	CTE
9 - 12	Program of Study: Programming/Software Development	A3580300	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Prerequisite: None				**Fee Required:** No	

Description: AP Computer Science Principles introduces students to the breadth of the field of computer science. In this course, students will learn to design and evaluate solutions and apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts and contribute to a computing culture that is collaborative and ethical.

###	**Computer Science II**			TACS2	CTE
10-12	Program of Study: Programming/Software Development	03580300	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Prerequisite: Algebra I and either Computer Science I or Fundamentals of Computer Science.				**Fee Required:** No	

Description: Computer Science II will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of computer science through the study of technology operations, systems, and concepts. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem-solving, and decision making; digital citizenship; and technology operations and concepts.

683A **684A**	**AP Computer Science -A**			APTACSAM APTACSAL	CTE
11-12	Program of Study: Programming/Software Development	A3580110 A3580120	**Length of Course:** Year	**Credit:** 2 (1 per section)	**GPA Level 1**
Recommended prerequisites: Algebra I				**Fee Required:** No	

Description: AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.

####	**Computer Science III**			TACS3	CTE
11-12	Program of Study: Programming/Software Development	03580350	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Prerequisite: Computer Science II, Advanced Placement (AP) Computer Science A				**Fee Required:** No	

Description: Computer Science III will foster students' creativity and innovation by presenting opportunities to design, implement, and present

meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of advanced computer science data structures through the study of technology operations, systems, and concepts. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

Engineering

305R	**Principles of Applied Engineering**			PRAPPENG	CTE
9–10	Program of Study: Engineering	13036200	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Prerequisite: None				**Fee Required:** No	
Description: Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will understand the various fields of engineering and will be able to make informed career decisions. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.					
306R	**Engineering Design and Presentation I**			ENGDSPR1	CTE
	Program of Study: Engineering	13036500	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Prerequisite: Algebra I. Recommended Prerequisite: Principles of Applied Engineering.				**Fee Required:** No	
Description: Engineering Design and Presentation I is a continuation of knowledge and skills learned in Principles of Applied Engineering. Students enrolled in this course will demonstrate knowledge and skills of the design process as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and software applications to complete assignments and projects. Through the implementation of the design process, students will transfer advanced academic skills to component designs. Additionally, students explore career opportunities in engineering, technology, and drafting and what is required to gain and maintain employment in these areas.					
361R	**Engineering Design and Presentation II**			ENGDSPR2	CTE
11–12	Program of Study: Engineering	13036600	**Length of Course:** Year	**Credit:** 2	**GPA Level 1**
Prerequisites: Algebra I and Geometry. Recommended Prerequisite: Principles of Applied Engineering or Engineering Design and Presentation I.				**Fee Required:** No	
Description: Engineering Design and Presentation II is a continuation of knowledge and skills learned in Engineering Design and Presentation I. Students enrolled in this course will demonstrate knowledge and skills of the design process as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and software applications to complete assignments and projects. Through the implementation of the design process, students will transfer advanced academic skills to component designs. Emphasis will be placed on using skills from ideation through prototyping.					
###	**Practicum in Science, Technology, Engineering, and Mathematics**			PRCSTEM1	CTE
10–12	Program of Study: Engineering	13037400	**Length of Course:** Year	**Credit:** 2	**GPA Level 1**
Prerequisites: Algebra I and Geometry. Recommended Prerequisites: 2 Science, Technology, Engineering, and Mathematics (STEM) credits.				**Fee Required:** No	

Description: Practicum in STEM is designed to give students supervised practical application of previously studied knowledge and skills.

Transportation, Distribution and Logistics

Automotive	Principles of Transportation Systems	Automotive Basics	Automotive Technology I	Automotive Technology II Career Preparation I
Diesel and Heavy Equipment	Principles of Transportation Systems	Diesel Equipment Technology I	Diesel Equipment Technology II/Lab	Practicum in Transportation Systems Career Preparation I

Automotive

####	**Principles of Transportation Systems**			PRINTRSY	CTE
9 - 12	Program of Study: Automotive	13039550	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Prerequisite(s): None				**Fee Required:** No	

Description: In Principles of Transportation Systems, students will gain knowledge and skills in the safe application, design, production, and assessment of products, services, and systems. This knowledge includes the history, laws and regulations, and common practices used in the transportation industry. Students should apply knowledge and skills in the application, design, and production of technology as it relates to the transportation industries. This course allows students to reinforce, apply, and transfer their academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings.

830R	**Automotive Basics**			AUTOBASC	CTE
9 - 12	Program of Study: Automotive	13039550	**Length of Course:** Year	**Credit:** 1	**GPA Level 1**
Recommended Prerequisite(s): Principles of Transportation Systems				**Fee Required:** No	

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

831R	**Automotive Technology I**			AUTOTEC1	CTE
9-12	Program of Study: Automotive	13039600	**Length of Course:** Year	**Credit:** 2	**GPA Level 1**
Recommended Prerequisites: Automotive Basics				**Fee Required:** No	

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

833RY	**Automotive Technology II**			AUTOTEC2	CTE
11 - 12	Program of Study: Automotive	13039700	**Length of Course:** Year	**Credit:** 2	**GPA Level 1**
Prerequisites: Automotive Technology I				**Fee Required:** No	

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

Diesel/Heavy Equipment

668R	**Diesel Equipment Technology I**			DIEQTEC1	CTE
9 - 12	Program of Study: Diesel/Heavy Equipment	13040150	**Length of Course:** Year	**Credit:** 2	**GPA Level 1**
Recommended Prerequisite(s): Principles of Transportation Systems				**Fee Required:** No	

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

699R	**Diesel Equipment Technology II (Available 2023-2024)**			DIEQTEC2	CTE
10 - 12	Program of Study: Diesel/Heavy Equipment	13040160	**Length of Course:** Year	**Credit:** 2	**GPA Level 1**
Prerequisite: Diesel Equipment Technology I				**Fee Required:** No	

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

658R	**Practicum in Transportation Systems (Available 2023-2024)**			PRACTRS1	CTE
11 - 12	Program of Study: Diesel/Heavy Equipment	13040450 13040455	**Length of Course:** Year	**Credit:** 2 or 3	**GPA Level 1**
Prerequisite: Automotive technology II or Diesel Technology II				**Fee Required:** No	

Description: Practicum in Transportation Systems is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study, or laboratories. The Practicum can be either school lab based or work based.

661R	**Career Preparation I/Extended Career Preparation**			EXCAREE1	CTE
11 - 12	Program of Study: All	12701305	**Length of Course:** Year	**Credit:** 3	**GPA Level 1**
Prerequisite: None				**Fee Required:** No	

Description: Extended Career Preparation provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

Taylor ISD offers career and technical education programs in Health Science, Child Development, Transportation, Foods & Nutrition, Culinary, Agriculture/Mechanics, Cooperative Education, Business Information, Commercial Photography, Audio Visual and Criminal Justice. Admission to these programs is open to all students, but some courses may require a prerequisite course. It is the policy of Taylor ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. It is the policy of Taylor ISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended. Taylor ISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs. For information about your rights or grievance procedures, contact the Title IX Coordinator, Tiffany Whitsel, and/or the Section 504 Coordinator, Renee Duckworth at 3101 N. Main, Ste 104, Taylor, TX 76574, 512-365-1391.

2022 - 2023 Course Planning Tool

Use this graphic organizer to ensure that you have chosen enough courses for each semester of the 2022 - 2023 academic year. Some things to think about include:

- Full credit courses will fill one block on BOTH sides of the planning tool. Courses continue from the fall semester to the spring semester.
- Half credit courses will fill one block in ONLY ONE side of the planning tool. If you choose one half - credit course, you will need another one on the other side.

Fall Semester	Spring Semester
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8