High School Academic Planning Guide

2026-2027



PRINCETON

INDEPENDENT SCHOOL DISTRICT

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Princeton ISD Mission

The mission of the Princeton Independent School District is to inspire and enable each student to achieve his or her full potential.

How to Use the Academic Guide and Course Catalog

To Princeton ISD Students and Families,

This Academic Planning Guide has been developed to provide important information to students and families. It will assist students and families in making wise, informed decisions concerning programs and course choices throughout the high school years. The goal of Princeton Independent School District is to prepare students as thoroughly as possible for the next phase of their lives and to inspire and enable each student to reach his or her potential. This guide contains important information to help direct the student in making informed decisions throughout high school.

Your school counselors and other campus staff provide invaluable insight and guidance in your decision-making processes. The Academic Planning Guide is a general reference guide only and should not be considered comprehensive. Please be aware that this is not a complete statement of all policies, procedures, or rules that may be applicable in a given circumstance. If you or your child have questions about any of the material in this handbook, please contact your campus administration.

The Princeton ISD Academic Planning Guide lists the courses available to high school students. Not every course will be offered during each academic school year. All courses are dependent on staffing limitations and student interest. Every effort will be made by the high schools to meet as many student requests for courses as possible. The PISD Academic Planning Guide is updated annually as course are added and removed. PISD follows TEA regulations regarding the length of courses and required course sequences. The course guide offers graduation plans, requirements, and academic program information.

It is the policy of the Princeton Independent School District not to discriminate on the basis of race, color, national origin, sex, or handicap, or age in its educational.

The Princeton Independent School district will take steps to ensure that lack of English language skills will not be a barrier to admission and participation in all educational and career and technical education programs. The Princeton Independent School District offers a free and appropriate education to eligible students.

Planning Your High School Program

Planning a four–year high school program is a serious undertaking. Although many of your courses will be determined by the endorsement plan you select, you will still have many other choices to make during your years of school. The courses you select should be guided largely by your plans for the future. Will you continue your education in college or in a trade/vocational school? Do you want to learn a career skill in order to enter the full–time work force immediately after school? Are you interested in a technical field? Are you thinking of entering a profession that requires many years of specialized education? The answers to these questions are extremely important in deciding about your course selections for all four years in high school. Your answers should be guided by your interests and abilities.

Some students are sure of their future plans from the day they enter high school; others are not. It is also common for young people to change their minds about which career to choose. *For this reason, it is important for you to plan as challenging a program as you can; if your career plans should change, then it will not be as difficult to move into another program.* While it may sometimes seem tempting to schedule a less demanding combination of courses, choosing courses that meet your needs or interests is the best way to prepare for your future.

*Princeton ISD offers you many ways to prepare for a productive adult life***.** The district's high schools provide a wide range of programs that prepare students for post–high school experiences: college, vocational/career/technical school, military service, fine arts participation, full–time employment, and other areas. The programs offered allow a student to choose the high school program best for him/her, whether that program is the traditional college preparatory or career preparatory program**.** *Outlined on the following pages are the different career paths for each of the state's possible graduation programs***.** Specific information about the content area course requirements for these programs is outlined. When reviewing specific course requirements, it is important to note in which year you entered grade nine. This is your **Cohort Year**. You will also find descriptions of all courses offered, with information about prerequisites and grade level planning. We strongly urge you to give the attention to planning for high school that its importance deserves. *By planning wisely, you can create the future that is most appropriate for you.*

The Texas Education Agency and Texas State Board of Education often update information throughout the school year. This information in this guide is accurate at the time it was published and is updated as information becomes available.

This guide is intended as a reference and does not replace board policy. Any extenuating circumstances are determined at the discretion of the principal.

Campus Counselors and Contacts



Lovelady High School
501 N. Boorman Lane
Princeton, Tx 75407
469-952-5403
9th & 10th Grade Campus
Jeff Coburn, Principal

Jill Clayton	Students: A – Di
Matthew Magruder	Students: Do – La
Latonya Epps	Students: Le - Pi
Amanda Douglas	Students: Pl – Z



Princeton High School
1000 E. Princeton Dr
Princeton, Tx 75407
469-952-5405
11th & 12th Grade Campus
Rich Boring, Principal

Kathy Stone	Students: A – E
Kayla Walling (Lead)	Students: F – K
Savannah Rubio	Students: L – Q
Raquel Pastrana	Students: R – Z

Carol Bodwell Career and Technology Education Center
321 Panther Parkway
Princeton, Tx 75407
469-952-5400
Brett Hackman, Director

Counseling Services

The school counselor serves as a school leader, student advocate, and team collaborator who works to remove systemic barriers to student success. School counselors plan the comprehensive school counseling program and facilitate its delivery. Working together with school administrators, other professional educators, and community members, their collaborative approach produces measurable results that are shared and used to inform program improvement.

The counseling department is an integral part of the overall school program. School counselors are available to assist student in the following areas:

- Course selection that best meets academic, career, or military goals
- Information regarding available classes or programs
- Planning for college, career, and military
- Assistance or guidance related to social, emotional, or mental health
- Resources to professional service outside Princeton ISD
- Personal graduation planning (beginning in 8th Grade)

Students and parents are partners in the process and are encouraged to review the student's transcript regularly to verify accuracy and bring any errors to the attention of the counselors and registrar.

Graduation Information and Requirements

Requirements

Graduation requirements include:

Princeton ISD students pursue the Foundation High School Graduation Program with Endorsement with Distinguished Level of Achievement (DLA). This will best prepare our students for college, careers, and the workforce.

- 26 credits (The Foundation High School Program with Endorsement – see below)
    - In rare cases, or by ARD Committee determination, students may graduate on the Foundation Only Program with parent / guardian, principal, and counselor approval.
- Five STAAR - End of Course Exams
    - Algebra I, Biology, English I, English II, U.S. History
        - Students who take an EOC course in middle school will be expected to take either the SAT or ACT prior to graduation.
        - Students who acquired the credits for one of these courses from a school that does not require STAAR – EOC exams may not be subject to taking these exams if the credit is acknowledged by Princeton ISD.
- Hand Only CPR and Automated External Defibrillator Training
- Speech Proficiency Requirement
- Peace Officer Training
- Students must complete one of the following:
    - Submit a Free Application for Federal Student Aid (FAFSA)
    - Submit a Texas Application for State Financial Aid (TASFA)
    - Submit a signed opt-out form waiving the completion of a financial aid application

Graduation Guidelines

A student *must* meet the following criteria to graduate or participate in graduation ceremonies:

- Earned sufficient credits
- Passed the state mandated End of Course Exams (EOCs)
- Be in compliance with the student code of conduct and be in good standing with the requirements of the code
- Completed all financial commitments to the school.

Participation in the graduation activities is an extracurricular activity and a privilege; students do not have a right to participate in the graduation ceremony. A student is subject to removal from the graduation ceremony for inappropriate behavior or dress code violation before or during the ceremony. A student may be required to participate in a conference with the principal to obtain his / her diploma as a consequence of inappropriate behavior in addition to removal from the ceremony.

Endorsements

During the spring semester of 8th grade, students select endorsement plans and create a personal graduation plan (PGP) that outlines their coursework for high school. This PGP can still be flexible and counselors will continue to meet with students to discuss any changes in future goals, plans, or graduation requirements.

We offer the following endorsement options:

- Arts & Humanities
- Business & Industry
- Multidisciplinary
- Public Service
- Science, Technology, Engineering, & Math (STEM)

Grade Level Classifications / Cohorts

Students are classified by grade level based on the number of credits earned. Students are reclassified at the beginning of each school year. A student may be reclassified at the end of the fall semester if they earn the credits needed to be classified with their cohort. The number of credits required for grade classification is as follows:

• Freshmen – 9th Grade	0 – 5.5 credits
• Sophomores – 10th grade	6.0 – 11.5 credits
• Juniors – 11th grade	12.0 – 18.5 credits
• Seniors – 12th grade	19.0+ credits

Early Graduation Options

Early Graduation Application

Students must apply for early graduation no earlier than the spring of the sophomore year and no later than the first month of their junior year. Applicants will work with their counselor(s) to develop a plan for completing graduation requirements that is feasible. The Princeton Senior High School principal will evaluate the applicant's criteria and proposed plan to determine feasibility and provide approval of early graduation. If approved for early graduation, the counselor will notify the student. Once accepted, students will be required to pay tuition for each Night School or Summer School course that must be completed to fulfill graduation requirements. The tuition must be paid in full prior to the beginning of each course. The tuition rate is $150 per semester credit. A reduced rate is available for students who qualify for the Free / Reduced School Lunch Program. Tuition is non-refundable. Additionally, each Night School or Summer School course that is taken for acceleration and original credit will require a minimum of 45 Seat Hours, concurrent with the coursework, per semester credit to receive credit for the course. Students graduating early are not eligible to be ranked as either the Valedictorian or the Salutatorian. The following considerations must also be met:

- Student must have been in compliance with the state attendance regulation prior to application. Evaluation of this item will include reviewing attendance records of high school career.
- Student must have no discipline record the previous semester that resulted in AEP or JJAEP or exhibit persistent misbehavior. Evaluation of this item will include reviewing discipline records of high school career.
- Student must have parental/guardian approval.
- Student must have completed and passed a minimum of 3 EOC Exams required for graduation.
- Student must take Algebra 2.
- Student must be on track to earn and graduate with an Endorsement.
- Students must complete all PISD graduation requirements, including but not limited to:
    - FAFSA / TASFA completion
    - Meeting College, Career, & Military Readiness indicator
    - Peace Officer Interaction Training
    - CPR Training

Texas First Early High School Diploma

Texas Education Code (TEC) § 28.0253 established the Texas First Early High School Completion Program, allowing public high school students who demonstrate early readiness for college to graduate early from high school. A student who graduates early through the Texas First Early High School Completion Program is considered to have earned a diploma with a distinguished level of achievement under TEC § 28.025. For more information regarding this diploma and its requirements, please contact your school counselor. Texas First Diploma Flyer

Ways to Earn Course Credit

Students in Texas earn their diploma by accumulating credit for courses taken in specific areas and by passing the related state mandated assessments. Most students will earn their required 26 high school credits through the successful completion of required and elective courses taken during the regular school day and during the regular school year. However, there are times when students need alternative methods for earning credits. These vary depending on whether a student is needing original credit or if the student is needing to *recover* credit for a course already taken but where credit was not earned.

Traditional

In Princeton ISD, students enroll in 7 class periods in the fall semester and 7 class periods in the spring semester. This provides each student with ample time to successfully complete all required credits within 4 years of high school. Students receive credit for courses by earning a grade of 70 percent or better. Credits are awarded based on semester grades. For courses, that are two semesters and span one full school year, students may earn credit if their average for the year is 70 percent or higher. According to state law students must attend 90 percent of the days that a class is offered to receive credit.

Credit by Examination

Students can earn credits by taking examinations referred to as a Credit by Examination (CBE). A CBE is a formal assessment designed to provide students with an opportunity to receive full or partial credit for a course by demonstrating mastery of the Texas Essential Knowledge and Skills (TEKS). The CBE is considered an alternative method for earning credit and can be used as either an exam for advancement (also known as "a CBE without prior instruction") or an exam for credit recovery (also referred to as "CBE with prior instruction"). Scores earned on the CBE exams *do not* calculate into a student's Grade Point Average (GPA).

- STAAR EOC assessments and campus-developed exams *do not* meet the state criteria for credit recovery or credit by exam and are *not* approved for this purpose.
- Students must have campus or district approval for the use of a CBE for credit prior to test administration.
- The NCAA does not accept high school credits for all methods of earning credit. Students who need to ensure that taking the CBE for course credit would be NCAA approved should contact the NCAA Eligibility Center.
- Determination of "prior instruction" is made by the campus.
- Per state guidelines, students may not attempt to earn credit by examination for the same high school subject more than two times.
- If a student fails to earn credit by examination for a course before the beginning of the school year in which the student would ordinarily be required to enroll in that course in accordance with the district's prescribed course sequence, the student must satisfactorily complete the course to receive credit for the course. A CBE cannot be taken mid-year if it will affect the student's current year course enrollment.
- When a student earns credit by CBE, the district is required by law to enter the exam score on the student's transcript. In Princeton ISD, CBE scores are not calculated in GPA.

Dual Credit / Enrollment Courses

Princeton ISD has a partnership with Collin College which provides students with the opportunity to enroll in collegiate level courses to earn both high school and college credits. Through our partnership, we offer a Collegiate Academy, which, when followed, allows students to earn their associate's degree up on high school graduation. Students can enroll under the following conditions:

- Student obtains approval from the counselor
- Student successfully completes the TSIA2 assessment and earns scores that reflect college readiness
- Student successfully completes their application to Collin College through the ApplyTexas portal
- Student completes the enrollment process, including trainings and permission forms, required by Collin College.

Credit Recovery / Night School / Summer School

"Credit recovery" is the term used to describe earning credit for a course the student has already taken but where credit was not earned. Situations that require credit recovery include: (a) When the student completed the course but did not pass it *or* (b) When the student earned a passing grade but failed to earn credits because of excessive absence. Important notes:

- Students who took a course but did not earn credit must use one of the approved methods for earning credit. A passing score on the STAAR/EOC, campus-developed exams, or any type of grade "contract" CANNOT be used to earn credit for the course.
- The NCAA does not accept high school credits for all types of recovery courses. Students who need to ensure that their recovery courses are NCAA approved should contact the NCAA Eligibility Center.
- Grades earned through any credit recovery method are *not* included in Ranking GPA calculations.

Edgenuity is the only approved source for online courses in Princeton ISD for credit recovery. In this platform, students start with a pre-assessment/diagnostic that creates an abbreviated learning pathway that addresses only the content the student has yet to learn. In the case of students who did not earn credit due to excessive absences, they will complete the entirety of the TEKS associated with the course with a minimum of 45 seat hours, logged within the Edgenuity platform.

Edgenuity courses are self-paced and are taken asynchronously with a teacher providing feedback and assessing student work along the way. The final grade in the course is determined and submitted by the teacher. Students may be assigned Edgenuity in one of three environments:

1. On-campus enrollment, where the online course is completed during a period of the day.
2. Night school enrollment, where the online course is completed outside of the school day in addition to the student's regular schedule. This can be done in a specified, on-campus computer lab or on a student's device off-campus.
3. As part of the district's Summer School program. Students can work on their course(s) on-campus or off-campus during this time.

RISE

The RISE Program is for students who need to graduate through a non-traditional setting. RISE *cannot* be a means to accelerate graduation. A student's high school career is expected to take at least four years to complete. To be eligible for the RISE Program students must be in their fourth year of high school; be in need of at least 10 credits in the fall semester or 5 credits in the spring semester. Those choosing to participate in the RISE Program must adhere to the RISE contract.

Grading Policies, Grade Point Average, & Class Rank

The school year is comprised of two semesters, each consisting of approximately 90 days. A student will earn credit for a course only if the final grade is 70 or above. For a two-semester (1 credit) course, the student's grades from both semesters will be averaged and credit will be awarded if the combined average is 70 or above. Should the student's combined average be less than 70, the student will be required to retake the semester in which he or she failed. According to state law, students must attend 90 percent of the days a class is offered to receive credit. All absences, whether excused or unexcused, must be considered in determining whether a student has attended the required percentage of days.

Grade Point Average

PISD shall include in the calculation of class rank, semester grades earned in high school credit courses taken at any grade level, unless excluded below. The calculation shall include failing grades.

Notes on GPA & Rank

Colleges and universities may develop their own procedures for interpreting grade and rank information. It is not uncommon for those institutions to recalculate the GPA based on an internal formula. For example, some institutions may only consider grades earned in core areas or may utilize a different weighting scale. Check with your prospective institution for more information.

The GPA and rank will be calculated at the end of each semester for all students. Students in Grade 12 will have GPA and rank calculated at the end of the third quarter for final ranking purposes.

Unweighted GPA

PISD reports an unweighted GPA for each student on the transcript. Grade points are awarded based on the following scale, regardless of the level of the course.

***Unweighted 4.0 Grade Point Scale**

Numerical Grade Range	Letter Grade	Points Awarded
90 – 100	A	4.0
80 – 89	B	3.0
70 – 79	C	2.0
0 – 69	F	0

Weighted GPA

Classroom grade averages are reported in the familiar 100-point system on the report card. PISD converts the semester grades earned in eligible courses to grade points in accordance with the chart below. Grade point averages and class rankings are completed using the weighted 6.0 scale. This scale is used to weight the grades obtained in courses of varying levels of difficulty (AP/Dual Credit, Honors, and Regular). The course GPA weight is listed on the course description. Grade points shall be awarded according to the following scale:

***Weighted 6.0 Grade Point Scale**

Grade	AP / Dual Credit	Honors	Regular
100	6.0	5.5	5.0
99	5.9	5.4	4.9
98	5.8	5.3	4.8
97	5.7	5.2	4.7
96	5.6	5.1	4.6
95	5.5	5.0	4.5
94	5.4	4.9	4.4
93	5.3	4.8	4.3
92	5.2	4.7	4.2
91	5.1	4.6	4.1
90	5.0	4.5	4.0
89	4.9	4.4	3.9
88	4.8	4.3	3.8
87	4.7	4.2	3.7
86	4.6	4.1	3.6
85	4.5	4.0	3.5
84	4.4	3.9	3.4
83	4.3	3.8	3.3
82	4.2	3.7	3.2
81	4.1	3.6	3.1
80	4.0	3.5	3.0
79	3.9	3.4	2.9
78	3.8	3.3	2.8
77	3.7	3.2	2.7
76	3.6	3.1	2.6
75	3.5	3.0	2.5
74	3.4	2.9	2.4
73	3.3	2.8	2.3
72	3.2	2.7	2.2
71	3.1	2.6	2.1
70	3.0	2.5	2.0
Below 70	0.00	0.00	0.00

*All courses are calculated into the GPA except: any local credit courses; credits earned by exam, with or without prior instruction; or courses taken through a credit recovery system, i.e., Edgenuity, whether for credit recover or for original credit.

Transfer Grades & Grade Points

Students who transfer from a different district to Princeton ISD will be awarded credit based on the transcripts provided to PISD. Semester grades for courses that would be eligible for inclusion in the calculation of class rank and meet the criteria for the various categories set out in PISD policy shall be include the grades in the calculation of class rank and shall assign weight to the grades based on the categories and grade weight system used by PISD. Credits being awarded based on transcript with a grade scale different than the 100-point scale will be given a Pass / Fail indication on the PISD transcript. Courses awarded credit on the P/F basis will not factor into the GPA calculations.

Transcripts from Non-Public Schools:

Students who enroll in Princeton ISD with credits earned in non-public schools may only transfer credits if the non-public school was accredited.

Ranking of Students

PISD shall apply the same class rank calculation method and rules for local graduation honors for all students in a graduating class, regardless of the school year in which a student first earned high school credit. A student's grade point average (GPA) shall be determined by the total number of weighted grade points earned divided by the number of courses for which grades are recorded on the academic achievement record. All double-blocked courses count twice; any triple blocked courses or courses received 3 credits will count three times. Grade points are awarded according to the PISD weighted grade point scale for semester grades through the first semester of senior year. To determine class rank, grade points for the second semester of the senior year, will be awarded based on the third nine-weeks grades.

The valedictorian and salutatorian shall be the eligible students with the highest and second highest rank, respectively. To be eligible of this local graduation honor, a student must:

- Meet all requirements for graduation; and
- Have been continuously enrolled in the district's high school since the fall PEIMS submission date in the school year preceding the school year of graduation; and
- Be graduation after exactly eight semesters of enrollment in high school.

In the case of a tie in weighted GPAs after calculation to the fourth decimal place, the district shall recognize all students involved in the tie as sharing the honor and title.

The student meeting the local eligibility criteria for recognition as the valedictorian shall also be considered the highest-ranking graduate for purposes of receiving the honor graduate certificate from the State of Texas.

[See policy EIC for more information.]

Honor Graduates

PISD shall honor those students who have earned a weighted GPA of 4.0 or higher as honor graduates.

Advanced Academics

Dual Credit

Princeton ISD students have the opportunity to take courses that provide both high school and college credit through a partnership between PISD and Collin College. PISD hosts a Collegiate Academy, allowing students to earn an Associate's Degree by the time the student graduates high school. Students may elect to participate in the Collegiate Academy or take stand-alone courses for dual credit. *Dual credit courses are weighted on the 6.0 grading scale and students should expect course subject matter and workload at a college level.*

Dual Credit Guidelines

- Qualified students will be enrolled simultaneously in Princeton Independent School District and Collin College to receive high school as well as college credit.
- Classes are taught by Collin instructors according to the policies and procedures of the university. These classes do not follow Princeton ISD policies on topics such as parent contacts, accommodations and disability services, grade reporting, development of the semester exam, determining the semester grade and other procedures. Concerns or questions about those procedures should be directed to the Collin representatives.
- Students must obtain approval by consulting with their counselor prior to initiating enrollment in courses at the community college, as well as satisfying the TSI (Texas Success Initiative) college entrance exam for all academic courses. Students must then complete a separate application and enrollment procedure at the college in order to complete registration for the course(s) they wish to take. **Students and parents are strongly encouraged to attend the dual credit information meeting when offered at the high school campus.**
- Students must receive a grade of 70 or above to obtain high school credit for the course.
- Princeton ISD covers tuition and fees for dual credit courses. Students are responsible for all books and first day access fees.
- Students desiring to make a change to a dual credit course will be subject to the withdrawal procedures of Collin College. Additionally, any dual credit student that wishes to withdraw should immediately contact the campus counselor to discuss options to recover the credit.
- Students are REQUIRED to provide their own transportation to and from the location where the college course is taught, if not offered at the student's high school campus.
- Any students who receive accommodations in high school will need to contact Collin College to apply for services through the ACCESS office. See the Collin College website for additional information.
- If a dual credit student is assigned DAEP due to disciplinary consequences, that student will be dropped / withdrawn from the dual credit course.

Collegiate Academy Pathway

PRINCETON ISD
COLLIN COLLEGE
COLLEGIATE ACADEMY

	Fall	Spring	Summer
10th	EDUC 1300	SPCH 1315	ARTS 1301
	Learning Frameworks	Public Speaking	Art Appreciation
	HIST 2321	HIST 2322	BUSI 1307
	World Civilizations I	World Civilizations II	Personal Finance
11th	ENGL 1301	ENGL 1302	GOVT 2306
	Composition I	Composition II	Texas Government
	HIST 1301	HIST 1302	PSYCH 2301
	US History I	US HISTORY II	General Psychology
12th	ENGL 2332	ENGL 2333	
	World Literature I	World Literature II	
	MATH 1314	MATH 1342	
	College Algebra	Elementary Statistical Methods	
	ENVR 1401	ENVR 1402	
	Environmental Sceince I	Environmental Science II	
	GOVT 2305	ECON 2031	
	Federal Government	Principls of Macroeconomics	

Honors

Honors courses are advanced courses with curriculum that is enriched and accelerated. These courses are based on introducing and developing college level strategies. These are weighted courses in which the grade points are calculated on the 5.5 grade point scale. Honors courses expect a greater retention and appreciation of prior knowledge, as well as a deeper understanding of the course topics. These courses are designed to prepare students for AP or Dual Credit courses and teach the skills necessary for success in these courses. Honors courses may require additional preparation and students should expect extensive reading and writing assignments. Enrolling in an honors course is highly recommended for students who wish to take Advanced Placement or Dual Credit courses in the future.

Advanced Placement

Advanced Placement courses are college-level courses that follow the College Board Advanced Placement guidelines. An AP courses is a weighted courses in which the grade points are calculated on the 6.0 grade point scale. These courses are rigorous and are designed to prepare students for the AP exam associated with the course. AP courses may require additional preparation time per course per week and students should expect course subject matter and workload at a college level. Colleges and universities have the option of accepting the AP results for college credit. Exams are graded on a 5 point scale with credit usually given for scores of 3 or higher.

Courses designated as “AP” are college-level courses. Students enrolled in AP courses are required to take the AP exam at the end of the year. Students are responsible for covering the cost of the exam. Financial assistance is available to families with financial need. If a student exits the AP class after the payment deadline for the exam, the fee is not refundable.

Students can request to take an AP course; however, taking AP courses can be a big commitment and should be considered carefully. These courses can take a significant amount of effort and work outside of school. The following characteristics are found in our most successful AP students. Student who are considering taking AP courses should have the majority of these characteristics before signing up for a class.

- Has the ability to grasp new concepts at a rigorous pace without intervention
- Completes assignments / assessments in a timely manner utilizing the most efficient strategies
- Utilizes a variety of strategies to solve problems
- Able to apply skills and concepts to new and non-routine situations
- Independent and self-motivated learner
- Makes transitions easily and maintains focus on learning experiences without prompting
- Actively engages in classroom activities and discussions
- Completes homework independently and thoroughly in an appropriate amount of time
- Receptive to constructive feedback
- Makes efficient and effective use of class time
- Independently seeks clarification when necessary
- Participates in lab work independently and safely
- Works effectively with other students

Students may request to be in an AP course within the first week of the school year. After this time, entry into the AP course will not be granted. Students will be allowed to drop the AP course within the first three weeks of the school year or at the beginning of the second semester.

Academic Integrity

Academic integrity is defined as being a firm adherence to five fundamental values, which include: honesty, truth, fairness, respect, and responsibility.

Academic dishonesty arises when these values are not translated to behavior. The definition of academic dishonesty includes but is not limited to:

- Plagiarism: The adoption or reproduction of original creations of another author (person, collective, organization, community, or other type of author, including anonymous authors and AI) without due acknowledgement.
- Fabrication: The falsification of data, information, or citations from any formal academic exercise
- Deception: Providing false information to an instructor concerning a formal academic exercise – e.g., giving a false excuse for missing a deadline or falsely claiming to have submitted work.
- Cheating: Any attempt to obtain assistance in a formal academic exercise (including the use of cheat sheets).
- Bribery: (or paid services): Giving assignment answers or test answers for money
- Sabotage: Acting to prevent others from completing their work. This includes cutting pages out of library books or willfully disrupting the experiments of others.
- Impersonation: assuming a student's identity with the intent to provide an advantage for the student

Required Course Load and Administrative Release Periods

Required Course Load

All students are expected to attend school for the entire school day and maintain a full class schedule to meet the state daily attendance requirement. Exceptions may be made occasionally by the campus principal for students in grades 9 – 12 who meet specific criteria and receive parental consent to enroll in less than a full-day schedule.

Administrative Release Periods

Students in the 12th grade, who are on track for meeting graduation requirements and earning a College, Career, and Military Readiness (CCMR) designation, may be eligible for no more than two administrative release periods during their senior year. Counselors will review the student's academic records to determine eligibility.

Non-Credit Bearing Classes

Students in the 12th grade, who are on track for meeting graduation requirements and earning College, Career, and Military Readiness (CCMR) designation can request to be enrolled in a non-credit bearing class. These classes include: office aide, library aide, counseling aide, or Den. The Den is also reserved for students enrolled in dual credit courses to allow for a time to study for these courses.

Schedule Changes

All schedule changes must occur within a specified window. Schedule changes are limited to the following:

1. Student failed a required course.
2. Student already has credit for the course.
3. Student needs a certain course for graduation endorsement/certification/program of study.
4. Student has not completed the necessary prerequisite course.
5. Student does not have to repeat a failed course with the same teacher if another section is available with a different teacher.

College, Career, and Military Readiness (CCMR)

College, Career, and Military Readiness (CCMR) is about preparing students for life after graduation. It is developed through curriculum, resources, programs, and activities that help students have the tools they need to enter college or the workforce. CCMR is integrated into the everyday culture of our district as students develop the knowledge base and work habits which will lay the foundations for the successful pursuit of their chosen career. It is our goal for every student to meet at least one CCMR indicator.

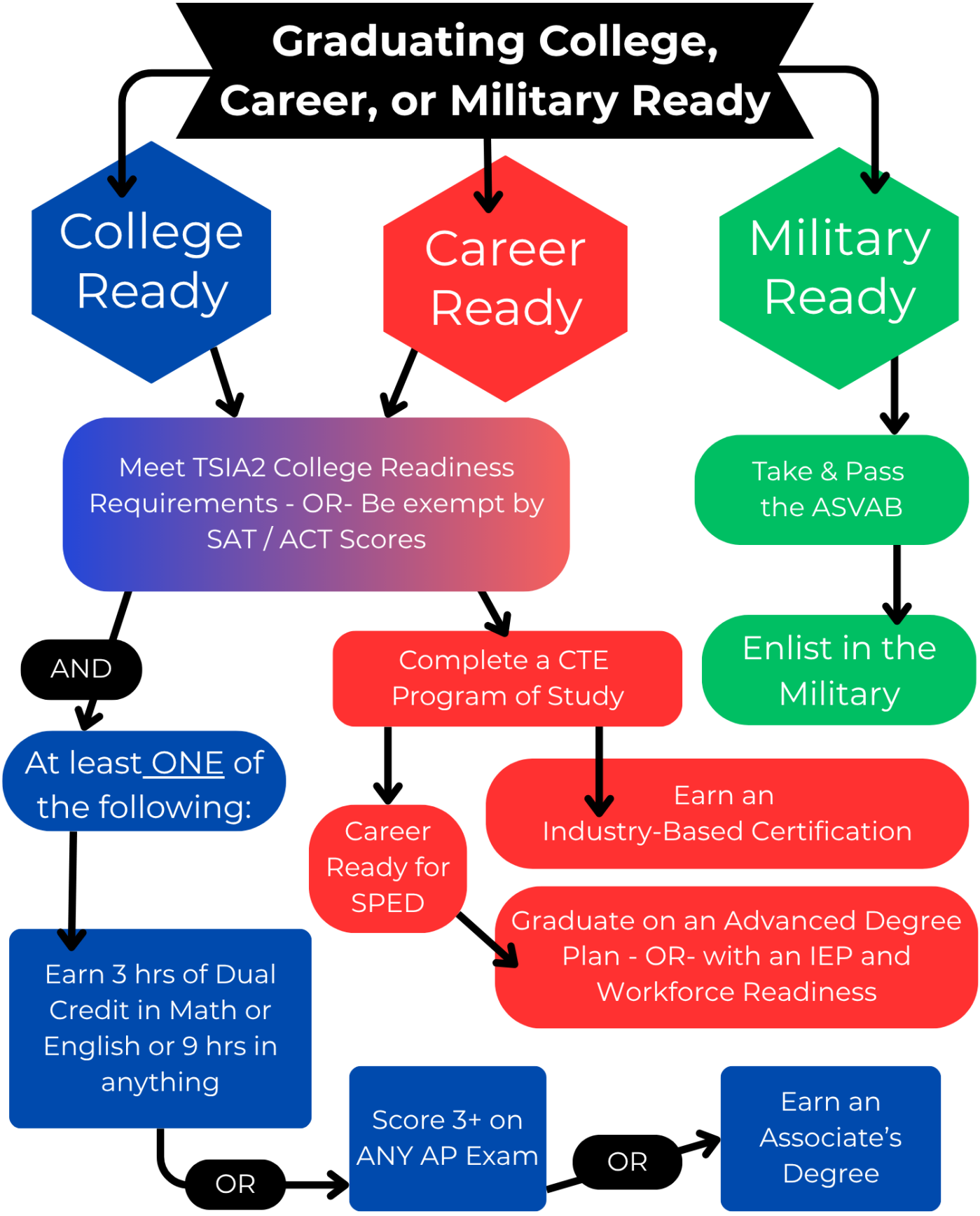
CCMR indicators have been developed by the Texas Education Agency (TEA) and are designed to asses a student's readiness to pursue their postsecondary plans:

- Earning a score of 3 or better on an AP examination
- Meeting the TSIA2 benchmark criteria via SAT, ACT, or TSIA2

	SAT	ACT	TSIA2
ELAR	480+	Comp. Score (Engl. & Reading) of 40+	945+ & essay score 5-8 Or >945 w/diag. 5+ & essay score 5-8
MATH	530+	22+	950+ Or >950 w/diag. 6

- Completing a dual credit coursework (9 hours in any subject or 3 hours in English or mathematics)
- Earning an industry-based certification (IBC) aligned to the student's endorsement
- Graduating with a completed IEP and workforce readiness goals
- Enlisting in one of branches of the armed forces

Students may earn multiple indicators as they progress through high school. Any seniors who have not yet demonstrated their readiness using one of these indicators will receive campus support and resources to assist them in growing the skills that will help them achieve their goals.


Graduating College, Career, or Military Ready
College Ready
Career Ready
Military Ready
Meet TSIA2 College Readiness Requirements - OR- Be exempt by SAT / ACT Scores
Take & Pass the ASVAB
AND
Complete a CTE Program of Study
Enlist in the Military
At least ONE of the following:
Career Ready for SPED
Earn an Industry-Based Certification
Graduate on an Advanced Degree Plan - OR- with an IEP and Workforce Readiness
Earn 3 hrs of Dual Credit in Math or English or 9 hrs in anything
OR
Score 3+ on ANY AP Exam
OR
Earn an Associate's Degree

Post-Secondary Planning

Preparing for college, both academically and financially, can begin as early as families might wish to do so. The resources below will assist in this planning process. Parents and students should know the kinds of courses needed to be accepted into a college, how to find the right school, the cost of attending college, and the financial assistance that might be available.

studentaid.gov	Mytexasfuture.org	bigfuture.collegeboard.org
mappingyourfuture.org	nces.ed.gov	Texasrealitycheck.com

FAFSA / TASFA / Opt-Out

Students who meet the PISD curriculum requirements for graduation are eligible to apply for financial aid for postsecondary education.

In accordance with Texas Education Code (TEC §28.0256), students enrolled in the 12th grade must do one of the following in order to graduate:

- Complete and submit a Free Application for Federal Student Aid (FAFSA);
- Complete and submit a Texas Application for State Financial Aid (TASFA); or
- Submit a signed opt-out form.

FAFSA

The Free Application for Federal Student Aid (FAFSA) is a form completed by current and prospective college students in the United States to determine their eligibility for student financial aid. Colleges and career schools use the FAFSA form to determine how much financial aid you (the student) are eligible to receive, which could include grants, scholarships, work-study funds, and loans. The FAFSA form asks for financial information, including information from tax forms and balances of savings and checking accounts. You must apply for aid every year, but with the right information in hand, it is easy.

To apply for federal and state financial aid, complete the FAFSA available online or via phone app at https://fafsa.ed.gov .

TASFA

The Texas Application for State Financial Aid (TASFA) is used by participating institutions of higher education in Texas to collect information to help determine a student's eligibility for state financial aid. Students who are classified by the collegiate institution as a Texas Resident who cannot apply for federal financial aid, using the FAFSA, are encouraged to complete the TASFA. TASFA applicants usually include students who are non-citizens or non-permanent residents of the United States.

To apply for state financial aid as a non-citizen or non-permanent resident, complete the TASFA available online at: TASFA Website

Opt-Out

A student may opt out of the financial aid application graduation requirement if:

- A parent or guardian submits a signed form;
- The student is 18 years of age or older and submits a signed form; or
- A school counselor authorizes the student to decline to complete and submit the application for good cause.

Automatic College Admissions

Under the Uniform Admission Policy (TEC §51.803), students that are ranked in the Top 10% of their graduating class are eligible for certain privileges when applying to public colleges in Texas, including automatic admission if they meet the criteria. **Students must graduate with a Distinguished Level of Achievement in order to be eligible for Top 10% recognition**. Additional information is available from the Texas Education Agency:

https://tea.texas.gov/Academics/Graduation_Information/Automatic_College_Admission/

NCAA / NAIA

Students who wish to participate in athletics at the collegiate level may be required to register with the NCAA Eligibility Center or the NAIA Eligibility Center.

NCAA

The NCAA Clearinghouse Eligibility Center is an organization outside of the NCAA which performs academic record evaluations to determine if a prospective student-athlete is eligible to participate at an NCAA Division I or Division II college as a freshmen student-athlete. The prospective student-athlete will enter personal information, answer questions and provide information about their athletic participation, and pay a registration fee. The student's academic record will be shared with the NCAA Eligibility Center. NCAA Division I and II schools have academic requirements that students must meet in order to be eligible to participate at the collegiate level. Students will need to talk with their coaches and counselors to ensure they are on track for the respective division's requirements. It is the responsibility of the potential student-athlete to provide accurate and truthful information to the Eligibility Center.

For more information please visit: https://web3.ncaa.org/ecwr3/

NAIA

The purpose of the NAIA Eligibility Center is to provide independent and objective determination of initial eligibility for all students wishing to participate in NAIA athletics for the first time. Determinations are made based on both academic and competitive experience standards. Eligibility for any student-athlete playing NAIA sports for the first time are based primarily on information provided by the individual registrant, academic records sent directly to the NAIA Eligibility Center by the high school the student attended, and standardized test scores submitted by the national testing agency. It is the responsibility of the potential student-athlete to provide accurate and truthful information to the Eligibility Center. Students will need to talk with their coaches and counselors to ensure they are on track for the NAIA's requirements.

For more information please visit: https://www.naia.org/landing/index

Extracurricular Eligibility

Generally, a student who receives a grade below 70 at the end of a grading period in any academic class may not participate in extracurricular activities for at least three school weeks. However, if a student receives a grade below 70 at the end of a grading period in an Advanced Placement (AP), honors, or dual credit course in English language arts, mathematics, science, social studies, economics, or languages other than English, the student remains eligible for participation in all extracurricular activities.

If a student is enrolled in a state-approved course that requires demonstration of the mastery of an essential knowledge and skills in public performance and the student receives a grade below 70 in any course at the end of the grading period, the student may participate in a performance so long as the general public is invited.

If a student is enrolled in a state-approved music course that participates in UIL Concert and Sight-reading Evaluation, and the student receives a grade below 70 in any course at the end of a grading period, the student may perform with the ensemble during the UIL evaluation performance but is ineligible for other extracurricular activities for at least three weeks.

In addition, the following applies to all extracurricular activities:

- A student who receives special education services and who fails to meet the standards in the individualized education program (IEP) may not participate for at least three school weeks.
- An ineligible student may practice or rehearse but may not participate in any competitive activity.

Testing

STAAR - EOC

The State of Texas Assessment of Academic Readiness (STAAR) Program includes annual end of course (EOC) assessments for high school students. These assessments are based on the state curriculum standards called the TEKS (Texas Essential Knowledge and Skills). All students are required to attempt each ECO at least one. Students are required, with limited exceptions, to perform satisfactorily on five EOC assessments:

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

If a student is enrolled in one of these courses in middle school, and takes an EOC assessment and meets standard, then the student is not required to take the EOC in high school. If a student is enrolled in one of these courses in middle school, they are required to take an SAT / ACT before graduation.

STAAR EOC assessments do not meet the criteria for credit by examination and are not approved for this purpose. Students who do not earn credit for a course cannot use a passing score on the STAAR/EOC to earn credit for the course.

Additional information on the state's testing program can be found on the Texas Education Agency website:
https://tea.texas.gov/Student_Testing_and_Accountability/Testing/State_of_Texas_Assessments_of_Academic_Readiness

The Texas Assessment Agency sets the calendar for STAAR/EOC testing. Current and future testing calendars can be found here:
https://tea.texas.gov/Student_Testing_and_Accountability/Testing/Student_Assessment_Overview/Testing_Calendars

SAT

The SAT is a standardized test that measures a student's skills in three core areas: Critical Reading, Math, and Writing. This is a multiple-choice, computer-based test created and administered by the College Board. The purpose of the SAT is to measure a high school student's readiness for college, and provide colleges with one common data point that can be used to compare all applicants. Most high school students take the SAT during the spring semester of their junior year or the fall semester of their senior year. Each section (Evidenced-Based Reading and Writing and Math) is scored on a 200-to-800-point scale. The total SAT score is the sum of the section scores. The highest possible SAT score is a 1600. Students can register to take the SAT at https://www.collegeboard.org for a Saturday testing opportunity. The SAT-School Day is offered once each semester at PHS. Students can register for one of these opportunities at https://aptsusa.com/princeton/ .

PSAT

The PSAT is a practice version of the SAT exam and is a standardized test that measures a student's skills in three core areas: Critical Reading, Math, and Writing. This is a multiple-choice, computer-based test created and administered by the College Board. The exam comes in three formats: PSAT 8/9; the PSAT 10; and the PSAT/NMSQT. These tests allow students the opportunity to become familiar with the SAT format, to check their progress, and prepare for the SAT. The PSAT is shortened and more appropriately leveled. The PSAT is scored based on the two sections: evidenced-based reading and writing and math. Though similar to the SAT, the score ranges for the PSAT differ based on the version of the PSAT that is taken. The score range for the PSAT 8/9 is 240 – 1440. The range for the PSAT 10 and PSAT/NMSQT is 320 – 1520. On all three exams, the score is calculated by combining the results from the reading and writing section and the math portion. To be successful, students should demonstrate analytical and problem-solving skills alongside the ability to read, write, and reason. These exams are only given during a school day. Students can register to take the PSAT at https://aptsusa.com/princeton/ .

ACT

The ACT is a standardized test designed to measure high school students' general educational development and their ability to complete college-level work. The questions on the ACT test the core subjects that students typically study through their third year of high school: English, reading, mathematics, and science. The ACT is a multiple-choice, computer-based or pencil-and-paper test administered by the ACT, Inc. The purpose of the ACT test is to measure a high school student's readiness for college, and provide colleges with one common data point that can be used to compare all applicants. Each section (English, Reading, Math, and Science) is scored on a 1 to 36 point scale. The composite ACT score is the average of the four section scores, also on a scale from 1 to 36. If students elect to take the ACT with Writing, a separate score will be given on the Writing Test. Students can register to take the ACT at https://www.act.org for a Saturday testing opportunity. The ACT-School Day is offered once each semester at PHS. Students can register for one of these opportunities at https://aptsusa.com/princeton/ .

TSIA2

The Texas Success Initiative Assessment 2.0 (TSIA2) is a series of computerized, multiple-choice tests that help Texas schools determine if students are ready for college-level courses. These are placement exams designed to asses reading, writing, and math skills to determine if students are college ready. The TSIA2 requires that students complete a Pre-Assessment Activity (PAA) prior to completing the exam. The TSIA2 results can certify a student as "college ready" or provide a diagnostic profile of their academic strengths and weaknesses. All PISD students will take the TSIA2 exam in their junior year. The results will be used to determine placement in senior level English and math courses. Students wishing to enroll in Dual Credit courses will be required to take the TSIA2 exam and meet college-readiness standards before enrolling in these courses.

Advanced Placement® (AP) Testing

Students enrolled in AP courses are required to take the AP placement exam at the end of the course. If the exam is not attempted, the student's GPA will be calculated using the Regular Scale score. Students are required to pay for each AP Exam that is taken. The price is determined on a yearly basis by College Board. The exam must be paid for using the online platform within the first nine weeks of the school year. Late fee penalties will accrue if exam is not paid for by the established deadline. After the late fee deadline has passed, exams cannot be purchased and students will be removed from the course after the first semester. All AP Exam fees will be non-refundable if the AP exam is already ordered or is not taken.

Note: Reduced prices are available for students that qualify for free and reduced lunches. Please see. Your counselor for more information.

ASVAB

Princeton ISD offers students in the 10th, 11th, and 12th grades the opportunity to take the Armed Services Vocational Aptitude Battery (ASVAB). The ASVAB is a standardized test on science, math, and language that helps identify which careers may be a great fit for the student taking the exam. It measures developed abilities and helps predict future academic and occupational success. At the high school level, the ASVAB Career Exploration Program (CEP) is used for career exploration and participation is voluntary. Student scores are not released to military personnel from Princeton ISD. Students must share this information.

Endorsements & Programs of Study

Princeton ISD students will pursue the Foundation High School Graduation Program with Endorsement with Distinguished Level of Achievement (DLA). Each student will be given the opportunity to specify in writing an endorsement they intend to earn upon entering 9th Grade. Princeton ISD high schools will permit a student to enroll in courses under more than one endorsement before the student's junior year and choose, at any time, to earn an endorsement other than the endorsement the student previously indicated. A student must earn at least 26 credits to earn an endorsement. We encourage each entering 9th grader to evaluate their options and complete the form that best suits their career goals. Princeton ISD offers

Foundation (FHSP)

The Foundation high school Program (FHSP) is a base plan consisting of 22 credits. It is a flexible graduation program that allows all students to pursue their interests and prepare for post-secondary success. The FHSP identifies the requirements that all Texas public school students need to satisfy to earn a high school diploma. The minimum credits required include:

English (4 credits)	• English I • English II • English III • An Advanced English Course
Mathematics (3 credits)	• Algebra I • Geometry • An Advanced Math Course
Science (3 credits)	• Biology • Integrated Physics & Chemistry / Chemistry / Physics • An Advanced Science Course
Social Studies (3 credits)	• World Geography / World History • U.S. History • U.S. Government (0.5 credit) • Economics (0.5 credit) / Personal Financial Literacy and Economics (0.5 credit)
Languages Other than English (2 credits)	• 2 credits of the *same* foreign language
Other Requirements (7 credits)	• Physical Education (1.0 credit) • Fine Arts (1.0 credit) • Electives (5.0 credits)

**Foundation High School Program (without endorsement) requires administrator, counselor, and parent/guardian approval.*

Endorsements

Students may earn one or more endorsements as part of their high school diploma. Upon entering 9th grade, students must select an endorsement that they intend to pursue. An endorsement consists of a sequence of courses that are grouped together by interest or occupational skill. They provide students with an in-depth knowledge of subject area or occupation. Every career and technical education (CTE) Program of Study leads to an endorsement. Students earn an endorsement by completing four credits each in both math and science, two additional elective credits, and the curriculum requirements for the endorsement. Students can change their endorsement option at any time; however, this choice may be limited depending on availability and additional considerations.

Students can choose from five the endorsement areas which include the following:

Arts & Humanities

The Arts and Humanities endorsement is a curriculum path that focuses on creative expression, cultural studies, and critical thinking, typically including subjects like arts, music, theatre, dance, literature, history, foreign languages. This endorsement area prepares students for pursuing interests in the fields of art, design, journalism, performing arts, history, or languages.

Business & Industry

The Business and Industry endorsement is a curriculum path that allows a student to focus deeply on courses directly related to the business field. There is a wide range of careers available in Business and Industry. Students interested in pursuing an intentional path in the business world may want to consider the Business and Industry endorsement to guide course selection.

Multidisciplinary

The Multidisciplinary endorsement is a curriculum path that allows students to take a general survey of courses while exploring multiple subjects and career paths. This endorsement is a versatile program that prepares students for many different college programs.

Public Service

The Public Service endorsement is a curriculum path that allows a student to focus deeply on courses directly related to the public service field, such as health science, education, law enforcement, cosmetology, and military science/JROTC. Three is a wide range of careers available in public service. Students interested in pursuing an intentional path in public service should consider a Public Service endorsement to guide course selection.

Science, Technology, Engineering, & Mathematics (STEM)

The STEM – Science, Technology, Engineering, and Mathematics pathway provides students with a unique combination of classroom instruction and industry experience. These programs prepare students for careers in science, technology, engineering, or mathematics. This endorsement includes courses directly related to these fields. Students interested in pursuing an intentional path in STEM should consider this endorsement to guide course selection.

Distinguished Level of Achievement (DLA)

Distinguished Level of Achievement requires students to earn a total of four credits in math, including Algebra II; four credits in science; and successfully complete an endorsement in their area of interest. A student must earn the DLA to be admitted to a Texas public university under the Top 10 percent automatic admissions law.

The DLA opens a world of educational and employment opportunities for students beyond high school. The distinguished level of achievement does the following:

- Allows students to compete for the Top 10% automatic admissions eligibility at almost any Texas public University (The University of Texas at Austin can limit automatic admissions to fewer students than the top 10%);
- Makes students a more competitive applicant at selective colleges and universities
- Prepares students for college-level coursework at community / technical colleges and universities;
- Lays a strong foundation for successful completion of an industry workforce credential or college degree.

Performance Acknowledgements

Performance acknowledgements note outstanding achievement in specific areas. These distinctions will be included in on the high school transcript and better position students for successful entry into college and/or the workforce. The Performance Acknowledgement areas include:

- Dual Credit Course
  - Earn at least 12 hours of dual credit as part of the Texas core curriculum or advanced technical credit courses with a grade of the equivalent of 3.0 or higher on a scale of 4.0; or
  - Earn an Associate's Degree while in high school
- Bilingualism and Biliteracy
  - Complete all English Language Arts requirements and maintain a minimum of an 80 average on a 100-point grading scale; AND
    - Complete a minimum of 3 credits in the same language in a language other than English with an 80 average on a 100-point grading scale; or
    - Demonstrate proficiency in TEKS for Level IV or higher in a language other than English with an 80 average on a 100-point grading scale; or
    - Complete at least 3 credits in foundation subject area courses in a language other than English with an 80 average on a 100-point grading scale; or
    - Demonstrate proficiency in one or more languages other than English through a score of 3 or higher on a College Board Advanced Placement examination for a language other than English
- College Readiness
  - 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 College Board National Recognition Programs; within that umbrella: National African American Recognition Program. National Hispanic Recognition Program, National Indigenous Recognition Program; or
  - Earning a composite score of 442 on the ACT Aspire ™ examination; or
  - Earning a composite score of 29 on the ACT PreACT®; or
  - Earning a total score of at least 1350 on the SAT ®; or
  - Earning a composite score on the ACT ® examination of 29 (excluding the writing sub score).
- Advanced Placement Exam
  - A score of 3 or higher
- Business or Industry Certification / Licensure
  - Earning a national or internationally recognized business or industry certification or license with:
    - Performance on an examination or series of examinations sufficient to obtain a nationally or internationally recognized business or industry certification; or
    - Performance on an examination sufficient to obtain a government-required credential to practice a profession

Four-Year Planning

To assist students and parents/guardians in making important decisions about the high school sequence of courses, PISD has provided graduation plans in this Course Catalog. Students should complete a four-year plan and select their endorsement prior to entering 9th grade. Students should begin with the end in mind. They should consider their postsecondary plans in order to make the best possible decisions now. Once high school comes to an end, the student's course of study should have adequately prepared the student for postsecondary education and goals.

Before high school begins, it is essential to understand how grade point average (GPA) will be cumulatively calculated with every high school credit course. Students can begin to review the PISD GPA policy and learn about the importance of GPA, rank, and the high school transcript.

Prior to 9th Grade

Students should begin exploring different academic pathways and course options in Princeton ISD:

- Advanced Placement (AP) courses
- Athletics
- Career and Technical Education (CTE) Programs
- Dual Credit
- Fine Arts
- Junior Reserve Officer Training Corps (JROTC)

During 9th Grade

- Get involved in school activities – join clubs and organizations you are interested in
- Continue reviewing high school graduation requirements.
- Pass high school course with a 70 or better in order to earn 0.5 credit each semester for each course! Each grade factors in to your GPA.
- Take PSAT 9 in fall
- Pass End of Course (EOC) exams. This is a high school graduation requirement. Many 9th graders take 3 EOC courses and exams. (English I, Algebra I, and Biology).
- Review your 4-year plan and make adjustments in course selections for 10th – 12th grade

During 10th Grade

- Take challenging classes and make good grades.
- Continue your involvement with school activities
- Plan junior and senior year with graduation requirements and postsecondary plans in mind
- Begin considering what you want in college
- Pass the English II EOC
- Take PSAT 10 in spring
- Review your 4-year plan and make adjustments in course selections for 11th – 12th grade

During 11th Grade

- Continue taking challenging classes and make good grades. Your end of year junior transcript is what you will use to apply to college in the fall of senior year.
- Continue your involvement with school activities
- Attend any College Fair events
- Begin searching for or reviewing available scholarships
- Plan college visits – juniors get 2 excused absences for College Days
- Take PSAT / NMSQT in October (juniors are testing for National Merit Scholar status)
- Link your College Board account to Khan Academy for individualized practice on the SAT
- Take ASVAB in November
- Review admissions criteria for the institutions you are interested in attending
- Register with the NCAA / NAIA if you are a potential college athlete
- Take ACT or SAT in spring
- Pass the US History EOC
- Industry Based Certificates (IBC) can provide students work-ready credentials and can be available to students who complete certain CTE pathways
- Review your 4-year plan and make adjustments in course selections for 12th grade

During 12th Grade

- Continue taking challenging classes and make good grades.
- Continue your involvement with school activities
- Begin college applications. Apply to 3 – 5 colleges before Thanksgiving.
- Search for and apply to SCHOLARSHIPS!
- Create your PISD Parchment account using a personal email in order to send high school transcripts.
- Write down and keep up with deadlines (admissions, financial aid, housing, etc.)
- Retake ACT / SAT if needed. Send scores to colleges you will apply to.
- Take the ASVAB in November if you haven't already
- Submit the FAFSA – seniors must submit the FAFSA, TASFA, or an opt-out form in order to graduate.
- Be aware of the deadlines to submit deposits for fall semester
- Select your college of choice
- Send the request for your final high school transcript to be sent to your college.
- GRADUATE

Course Descriptions

Not all courses are offered at all campuses and are subject to availability.

Students and parents should work together to explore PISD's course offerings. Course descriptions are arranged by subject. Each course description will feature information about the grade level and the required and / or recommended prerequisites that must be satisfied prior to enrollment in the course. Some courses will require an application, a fee, and/or instructor approval. Not all courses are offered at all campuses.

Career Oriented Course Descriptions

*Note: Any required **fees** for courses are NON-REFUNDABLE. Scholarships and partial scholarships are available. See the CATE Director for more information.*

Administrative Procedures DC5506 Grade Level – 12 Credits – 0.5 GPA Scale – 6.0	Medical office procedures including appointment scheduling, medical records creation and maintenance, interpersonal communications, bookkeeping tasks, coding, billing, collecting, third party reimbursement, credit arrangements, and computer use in the medical office. **Prerequisite: 12TH Grade; Application to Collin College; Acceptance into Medical Scribe program.**
Advanced Floral Design 6032A/B Grade Level – 11/12 Credits – 1 GPA Scale – 5.0	In this course, students build on the knowledge from Floral Design I and are introduced to more advanced floral design concepts, with an emphasis on specialty designs and specific occasion planning.
Ag. Structural Design & Fabrication 6038A/B Grade Level – 11/12 Credits – 1 GPA Scale – 5.0	In this course, students will explore career opportunities, entry requirements, and industry expectations. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural structures design and fabrication. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their academic knowledge and technical skills in a variety of settings. **Prerequisite: 11TH or 12TH Grade.**
Ag. Mechanics & Metal Tech 6035A/B Grade Level – 10/11/12 Credits – 1 GPA Scale – 5.0	This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques. **Prerequisite: 10TH - 12TH Grade.**
Anat. & Phys. for Medical Assistants Dc5507 Grade Level –12 Credits – 0.5 GPA Scale – 6.0	Emphasis on structure of human cells, tissues, organs, and systems with an overview of common pathophysiology. **Prerequisite: 12TH Grade; Application to Collin College; Acceptance into Medical Scribe program.**
AP Computer Science 5006A/B Grade Level – 10/11/12 Credits – 2 GPA Scale – 6.0	This is an introductory college-level computing course that cultivates a student's understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. **Prerequisite: 10TH - 12TH Grade NOTE:** 1 credit will be earned in Mathematics; 1 credit will be earned in LOTE.
Audio/Video Prod. I 9744A Grade Level – 11/12 Credits – 2 GPA Scale – 5.0	Careers in audio/video technology and film production span all aspects of the audio/video communications industry. In addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology and Communications careers, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities. We will work on developing skills in editing using programs such as iMovie and final cut studios. Student will work on a wide range of projects that include commercials, broadcast videos, movie trailers, and promotional videos. **Prerequisite: 11TH**

Audio/Video Prod. II 9737B Grade Level – 11/12 Credits – 2 GPA Scale – 5.0	Students will continue to develop advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster. They will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production activities. **Prerequisite: 11TH; must be taken after Audio/Video Production I.**
Audio/Video Prod. Practicum 9764A/B Grade Level –12 Credits – 2 GPA Scale – 5.0	Students will continue to develop advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster. They will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production activities. **Prerequisite: 12TH; must be taken after Audio/Video Production I & II.**
Automotive Basics 6142A/B Grade Level –10 Credits – 1 GPA Scale – 5.0	Automotive Basics is the prerequisite course for students entering the Auto Tech Program. Students will gain knowledge and skills in the repair, maintenance, and servicing of vehicle systems. The focus of this course is to teach safety, tool identification, proper tool use, and employability. **Prerequisite: 10TH; must be student's Program of Study.**
Automotive Tech I 6042A/B Grade Level –11 Credits – 2 GPA Scale – 5.0	Students gain knowledge and skills in the repair, maintenance, and diagnosis of motor vehicles. Students will work in a state-of-the-art simulation lab as well as on actual vehicles. The National Automotive Technician Education Foundation (NATEF) standards are the basis for the course curriculum. The primary goal of this course is to prepare students to successfully take the A.S.E. (Automotive Service Excellence) certification exams. Students will also learn the safety procedures, uses, and care of major shop equipment and tools. Students will explore career and post-secondary opportunities as they relate to the automotive repair industry. Industry leaders will also be invited to talk to students about current trends and advancements they are seeing in the automotive industry, as well as new hire expectations. **Prerequisite: 11TH; must be student's Program of Study.**
Automotive Tech II 9764A/B Grade Level –12 Credits – 2 GPA Scale – 5.0	Students will continue to gain knowledge and skills in the repair, maintenance, and diagnosis of motor vehicles. Students will work in a state-of-the-art simulation lab as well as on actual vehicles. The National Automotive Technician Education Foundation (NATEF) standards are the basis for the course curriculum. The primary goal of this course is to prepare students to successfully take the A.S.E. (Automotive Service Excellence) certification exams. Students will also learn the safety procedures, uses, and care of major shop equipment and tools. Students will explore career and post-secondary opportunities as they relate to the automotive repair industry. Industry leaders will also be invited to talk to students about current trends and advancements they are seeing in the automotive industry, as well as new hire expectations. **Prerequisite: 12TH; after successful completion of Automotive Tech I; must be student's Program of Study.**
Broadcast Journalism I/II/III 8901A/B, 8902A/B, 8903A/B Grade Level – 10/11/12 Credits – 1 GPA Scale – 5.0	Students will apply and use their journalistic skills for a variety of purposes. Students will learn the laws and ethical considerations that affect broadcast journalism; learn the role and function of broadcast journalism; critique and analyze the significance of visual representation; and learn to produce by creating broadcast journalism product. **Prerequisite: 10TH – 12TH Grade**
Business Ethics DC5012 Grade Level –12 Credits – 0.5 GPA Scale – 6.0	Discussion of ethical issues, the development of a moral frame of reference, and the need for an awareness of social responsibility in management practices and business activities. **Prerequisite: 12TH Grade; Application to Collin College; Acceptance into Business Management program.**

Business Information Management - BIM 5004A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0	Students implement personal and interpersonal skills to strengthen individual performance in the workspace and in society and make a successful transition to the workforce and postsecondary education. Student 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.
Career Prep I / II 6005A/B, 6018A/B Grade Level –11/12 Credits – 3 GPA Scale – 5.0	This course is designed to provide students with concepts and skills related to successful employment and or post-secondary training. The students explore concepts and skills related to safety and safe working conditions, human relations, personality development, and personal and business management. The content provide study in leadership skills as well as in career options. Instruction will be delivered through cooperative education. The teacher and training sponsor will develop work place competencies jointly. Students must have a job within the first 10 days of the class. Students must work a minimum of 10 hours per week. Juniors and seniors who are enrolled in the course may be eligible for one to two hour(s) of work release, depending on the number of credits earned and course/testing requirements. **Prerequisite: 11TH or 12TH Grade.**
Child Development 6012A/B Grade Level –10/11/12 Credits – 1 GPA Scale – 5.0	This technical laboratory course addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and health development of children and investigate careers related to the care and education of children. **Prerequisite: 10TH Grade.**
Commercial Photography I & II 1047A/B, 1048A/B Grade Level –10/11/12 Credits – 1 GPA Scale – 5.0	Students will learn the skills required for designing, production, exhibiting, performing, writing, and publishing multimedia content through photography. These skills will span all aspects of the industry from setting up a shot to delivering products in a competitive market. Students will be expected to develop an understanding of the commercial photography industry with a focus on creating quality photographs. **Prerequisite: 10TH – 12TH Grade.**
Computer Maintenance 5014A/B Grade Level –11 Credits – 1 GPA Scale – 5.0	Students acquire principles of computer maintenance, including electrical and electronic theory, computer hardware principles, and broad level components related to the installation, diagnosis, service, and repair of computer systems. To prepare for success, students must have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. **Prerequisite: 11TH Grade.**
Computer Maintenance & Technology 5018A/B Grade Level –11/12 Credits – 2 GPA Scale – 5.0	Students acquire principles of computer maintenance, including electrical and electronic theory, computer hardware principles, and broad level components related to the installation, diagnosis, service, and repair of computer systems. To prepare for success, students must have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. **Prerequisite: 12TH Grade; Computer Maintenance & Technology.**
Computer Science 5032A/B Grade Level –10/11/12 Credits – 1 GPA Scale – 5.0	This class 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 problems presented through 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. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts. **Prerequisite: Algebra I; 10TH – 12TH Grade; *_if offered on home campus_.**

Construction Management I 5101A/B Grade Level –11 Credits – 2 GPA Scale – 5.0	Students gain knowledge and skills specific to those needed to enter the work force as carpenters or building maintenance supervisors or build a foundation towards a postsecondary degree in architecture, construction science, drafting, or engineering. Construction management includes the knowledge of the design technique and tools related to the management of architectural and engineering projects. **Prerequisite: 11TH Grade.**
Construction Management II 5102A/B Grade Level –12 Credits – 2 GPA Scale – 5.0	Students gain knowledge and skills specific to those needed to enter the workforce as carpenters or building maintenance supervisors or build a foundation towards a postsecondary degree in architecture, construction science, drafting, or engineering. This course includes the knowledge of the design, techniques, and tools related to the management of architectural and engineering projects. **Prerequisite: 12TH Grade; after successful completion of Construction Management I.**
Correctional Systems DC5608 Grade Level –11 Credits – 0.5 GPA Scale – 6.0	This course is a survey of institutional and non-institutional corrections. Emphasis will be placed on the organization and operation of correctional systems; treatment and rehabilitation; populations served; Constitutional issues; and current and future issues. **Prerequisite: 11TH Grade; Application to Collin College; Acceptance into Legal Studies / Criminal Justice Program.**
Cosmetology I 9716A/B Grade Level –11 Credits – 2 GPA Scale – 5.0	Students gain knowledge and skills in the principles and practices of the treatment of the hair, skin, and nails in accordance with the Texas Department of Licenses and Regulations. Students will develop the skills required to be competitive in the field of cosmetology including cutting, coloring, texture services, waxing, and styling. In addition, students will also develop highly needed skills for success, including: appropriate work habits, safety and sanitation procedures, customer service, and communication with workers as well as clientele. Students are expected to complete ***500 instructional hours*** during the school year, so attendance is essential. Students will also explore career and post-secondary opportunities as they relate to cosmetology. **Prerequisite: 11TH Grade; Review of attendance patterns; successful completion of Intro to Cosmetology / concurrent enrollment in Intro to Cosmetology.**
Cosmetology II 9717A/B Grade Level –12 Credits – 3 GPA Scale – 5.0	Students will continue to refine the skills introduced in Cosmetology I as they transition from working on manikins to actual people. After completion of the 1000 hours of laboratory work (500 hours per year), students are eligible to take their licensure examination. Cosmetology is regulated by the State of Texas, and students must successfully pass a written and a practical exam in order to receive their Cosmetology License. Students will also explore career and post-secondary opportunities as they relate to cosmetology. *This course does require extended attendance on designated evenings.* **Prerequisite: 12TH Grade; Review of attendance patterns successful completion of Intro to Cosmetology and Cosmetology I. (Fees: $300.00 covers cosmetology kit, smock, state permit, and exam fees).**
Court Systems & Legal Practices DC5604 Grade Level –10 Credits – 0.5 GPA Scale – 6.0	This course is a study of the court system as it applies to the structures, procedures, practices, and sources of law in American courts, using federal and Texas statutes and case law. **Prerequisite: 10TH Grade; Application to Collin College; Acceptance into Legal Studies / Criminal Justice Program.**
Crime in America DC4038 Grade Level –12 Credits – 0.5 GPA Scale – 6.0	American crime problems in historical perspective, social and public policy factors affecting crime, impact and crime trends, social characteristics of specific crimes, and prevention of crime. **Prerequisite: 12TH Grade; Application to Collin College; Acceptance into Legal Studies / Criminal Justice Program.**

Criminal Investigation DC5612 Grade Level –12 Credits – 0.5 GPA Scale – 6.0	Investigative theory; collection and preservation of evidence; sources of information; interview and interrogation; uses of forensic sciences; case and trial preparation. **Prerequisite: 12TH Grade; Application to Collin College; Acceptance into Legal Studies / Criminal Justice Program.**
Culinary Arts I 6016A/B Grade Level –11 Credits – 1 GPA Scale – 5.0	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, a Texas culinary specialist certification, or any other appropriate industry certification. This course is laboratory-based. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations. **Prerequisite: 11TH Grade; must be student's Program of Study.**
Culinary Arts II 6116A/B Grade Level –12 Credits – 2 GPA Scale – 5.0	Culinary Arts II students are responsible for all operations regarding Café Fresh. Café Fresh offers meal services during the school year. These students select menus, order ingredients, prepare and serve the meals. This class is completely "hands-on" and beneficial for the student who desires a career in the culinary field. **Prerequisite: 12TH Grade; must be student's Program of Study.**
Cybersecurity Capstone 5027 Grade Level –12 Credits – 1 GPA Scale – 6.0	The dual credit courses taken during the Cybersecurity Capstone will provide students with an introduction to information security including vocabulary and terminology, ethics, the legal environment, and risk management. Students will identify exposures and vulnerabilities and address countermeasures and the importance of appropriate planning, policies, and controls. Students will also study open source and subscription threat intelligence, which includes the role of threat intelligence and organizational incident response. Other topics will include: collection methods, management of operations, classification, production and analysis, assessment of threat vulnerability, business impact analysis, incident response, and identification of various reporting requirements. The use of link diagrams and various types of association matrices will be introduced and emphasized as well. **Prerequisite: 12th Grade; Application and enrollment into Collin College; students must be enrolled in the Cybersecurity / Networking Program of Study.**
DC-AC Circuits 5713 Grade Level –12 Credits – 1 GPA Scale – 6.0	This course teaches the fundamentals of DC circuits and AC circuits operation including Ohm's law, Kirchhoff's laws, networks, transformers, resonance, phasors, capacitive and inductive circuit analysis techniques. **Prerequisite: 12TH Grade; Application and enrollment into Collin College; students must be enrolled in the Engineering Program of Study**
Debate I, II, III, & IV 1039A/B, 1040A/B, 1041A/B, & 1042A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0	This course is a "hands-on" course used for preparation for contests. Students will be required to be involved in competitive debate activities. Students will learn techniques of Lincoln-Douglas debate, cross-examination debate, and other speaking events. Students will be provided opportunities to write affirmative and negative cases. They will also learn how to properly present argumentation. Specific class requirements do apply.
Digital Fundamentals 5712 Grade Level –12 Credits – 1 GPA Scale – 6.0	Digital fundamentals is an entry level course in digital electronics to include numbering systems, logic gates, Boolean algebra, and combinational logic. **Prerequisite: 12TH Grade; Application and enrollment into Collin College; students must be enrolled in the Engineering Program of Study.**

Electrical Technologies 6044A/B Grade Level –11 Credits – 1 GPA Scale – 6.0	Students gain knowledge and skills specific to those needed to enter the workforce as an electrician or building maintenance supervisor or HVAC technician. Students acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, and the reading of electrical drawings, schematics, and specifications. **Prerequisite: 11TH Grade; must be student's Program of Study; application and enrollment in Collin College; concurrent enrollment in HVAC I.**
Emergency Medical Technician 5506A/B Grade Level –12 Credits – 2 GPA Scale – 6.0	This course is an introduction to the Emergency Medical Services including: history organization and function, legal aspects, and ethics. Overview of human anatomy and physiology, patient assessment, airway control, and infection control techniques. **Prerequisite: 12TH Grade; must be student's Program of Study; application and enrollment in Collin College; *Students must be 18 by April 1st of their Senior Year*.**
Engineering Design & Presentation 5703A/B Grade Level –11 Credits – 1 GPA Scale – 5.0	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 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. **Prerequisite: 11TH Grade; Geometry, & Chemistry; concurrent / previous enrollment in Algebra 2 and Physics.**
Engineering Math 5711 Grade Level –12 Credits – 1 GPA Scale – 6.0	This course focuses on algebraic and trigonometric applications used in technical and industrial settings **Prerequisite: 12TH Grade; Application and enrollment into Collin College; students must be enrolled in the Engineering Program of Study; students should be college ready in mathematics**
Engineering Scientific Research & Design 5701A/B Grade Level –11 Credits – 1 GPA Scale – 5.0	This course engages students in authentic practices in a project-based environment as it scaffolds student learning over a series of engaging and socially relevant design challenges. The curriculum focuses on creating a narrative of engineering, building engineering design skills, and developing engineering habits of mind. **Prerequisite: 11TH Grade.**
Entrepreneurship I 5008A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0	Students gain knowledge and skills that help them to be proficient in one or more of the functional areas associated with distribution, financing, marketing, information management, pricing, product planning, promotion, purchasing, risk management, and selling skills needed to help customers make satisfying buying decisions and to solve marketing problems. Students integrate skills from academic subjects, information technology, interpersonal communication, and management training to make responsible decisions.
Entrepreneurship II 5108A/B Grade Level –11/12 Credits – 1 GPA Scale – 5.0	The purpose of this course is to prepare students with the knowledge and skills needed to become a successful entrepreneur within an innovative marketplace. The goal and outcome of the course is for students to have their business launched by the end of the course or have the tools necessary to launch and operate their business. Students are encouraged to work in close cooperation with local industry leaders, community members, and educators to develop ideas and objectives. Complete a business model canvas, pitch to potential investors, register with governmental agencies, develop their brand identity, and participate in local chamber of commerce meetings and events. **Prerequisite: 11TH or 12TH Grade; successful completion of Entrepreneurship I.**

Firefighter I 5513A/B Grade Level –11 Credits – 2 GPA Scale – 5.0	This course introduces students to firefighter safety and development. Students will analyze Texas Commission on Fire Protection rules and regulations, proper incident reporting and records, proper use of personal protective equipment, and the principles of fires safety. **Prerequisite: 11TH; Successful completion Principles of Law, etc.; Students must be enrolled in Fire Science Program of Study.**
Firefighter II 5514A/B Grade Level –12 Credits – 3 GPA Scale – 5.0	Firefighter II is the second course in a series for students studying firefighter safety and development. Students will understand Texas Commission on Fire Protection rules and regulations, proper incident reporting and records, proper use of personal protective equipment, and the principles of fire safety. Students will demonstrate proper use of fire extinguishers, ground ladders, fire hoses, and water supply apparatus systems. **Prerequisite: 12TH; Successful completion Principles of Law, etc. and Firefighter I; Students must be enrolled in Fire Science Program of Study.**
Floral Design 6031A/B Grade Level –10/11/12 Credits – 1 GPA Scale – 5.0	This course 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 the floral enterprises. **Prerequisite: 10TH – 12TH Grade; Course may substitute as a Fine Arts Credit.**
Foundations of Cybersecurity 5028 Grade Level –12 Credits – 1 GPA Scale – 6.0	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. **Prerequisite: 12TH Grade; Application and enrollment into Collin College; students must be enrolled in the Cybersecurity/Networking Program of Study.**
Fundamentals of Computer Science 5023 Grade Level –12 Credits – 1 GPA Scale – 6.0	This course is intended for students to learn about compute tools that are used every day. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will use computer science concepts to access, analyze, and evaluate information needed to solve problems. **Prerequisite: 12TH Grade; Application and enrollment into Collin College; students must be enrolled in the Cybersecurity/Networking Program of Study.**
Fundamentals of Criminal Law DC5612 Grade Level –11 Credits – 0.5 GPA Scale – 6.0	This course is the study of criminal law including application of definitions, statutory elements, defenses and penalties using Texas statutes, the Model Penal Code, and case law. The course also analyzes the philosophical and historical development of criminal law and criminal culpability. **Prerequisite: 11TH Grade; Application to Collin College; Acceptance into Legal Studies / Criminal Justice Program.**
Fundamentals of Electronics 5710 Grade Level –12 Credits – 1 GPA Scale – 6.0	Fundamentals of Electronics applies the concepts of electricity, electronics, and digital fundamentals. It supports programs requiring a general knowledge of electronics. **Prerequisite: 12TH Grade; Application and enrollment into Collin College; students must be enrolled in the Engineering Program of Study; students should be college ready in mathematics**
Graphic Art & Animation 5010A/B Grade Level – 11/12 Credits – 1 GPA Scale – 5.0	Careers in animation span all aspects of motion graphics. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications careers, students will be expected to develop an understanding of the history and techniques of the animation industry. **NOTE: Course may substitute as a Fine Arts Credit.**

Graphic Design & Illustration 5011A/B Grade Level –10/11/12 Credits – 1 GPA Scale – 5.0	Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications careers, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design. **Prerequisite: 11TH or 12TH Grade.**
Health Care Professional Skills DC5508 Grade Level –12 Credits – 0.5 GPA Scale – 6.0	Builds on previously acquired knowledge and skills relevant to the professional development of the student. Lecture and simulated laboratory experiences prepare the student to perform patient care utilizing critical thinking and advanced clinical skills. **Prerequisite: 12th Grade; Application and enrollment into Collin College; application to CNA Program; Interview Process for program.**
Health Science Theory 5500A Grade Level –11 Credits – 1 GPA Scale – 5.0	The class content explores the health care industry and requirements for careers in health care. It is a course designed to aid the student in obtaining health care specific knowledge and skills that are essential in today's health care settings. The course focuses on general information and important topics concerning: the history of health care; health care facilities; careers in health care; ethical and legal responsibilities of the health care worker; human needs; cultural diversity; and understanding the principles of infection control. This course will help prepare students for the transition to clinical or work-based experiences in health care. **Prerequisite: 11TH Grade. (Fees - $100, which covers 2 sets of scrubs). Note: Articulated with Collin College.**
HVAC & Refrigeration Technology I 6045A/B Grade Level –11 Credits – 1 GPA Scale – 6.0	This course familiarizes students with safety procedures for the use of tools and materials; basic principles of operation of compressors, condensers, and evaporators; control of systems; and performance of standard tests. Students will gain EPA 608 Certification, which deals with the recovery and use of Freon. Industry leaders in both residential and commercial HVAC systems will conduct on site presentations throughout the year to discuss trends and advancements in their fields. They will also discuss qualities thy are wanting to see displayed by new hires, as well as insight on industry expectations for new and prospective employees. **Prerequisite: 11TH Grade; must be student's Program of Study; application and enrollment in Collin College; concurrent enrollment in Electrical Technologies. (Fees -- $150, covers 2 works shirts and state and industry recognized exams)**
HVAC & Refrigeration Technology II 6046A/B Grade Level –12 Credits – 2 GPA Scale – 6.0	This course is a continuation of HVAC I and will continue to build on the skills acquired in the previous year while adding more hands-on practice working with both residential and commercial heating and refrigeration units. Students will gain OSHA certification as well as NATE ICE certification, both are industry recognized certifications. Students completing the course work will be eligible to test for HVAC Certification. Industry leaders in both residential and commercial HVAC systems will conduct onsite presentations throughout the year to discuss trends and advancements in their fields. They will also discuss qualities they are wanting to see displayed by new hires, as well as insight on industry expectations for new and prospective employees. **Prerequisite: 12TH Grade; must be student's Program of Study; continued enrollment in Collin College. (Fees -- $150, covers 2 works shirts and state and industry recognized exams)**

Human Growth & Development 6114A/B Grade Level –11 Credits – 1 GPA Scale – 5.0	This course is an examination of human development across the lifespan with emphasis on research, theoretical perspectives, and common physical, cognitive, emotional, and social development milestones. Students use the knowledge and skills gained in this course to prepare for a career path working with children in an educational or service-learning setting. **Prerequisite: 11TH**
Intro to Cosmetology 9718A/B Grade Level –10/11 Credits – 1 GPA Scale – 5.0	In this course, students begin the study and application of beauty treatments, including hair styling, skin care, and manicures and pedicures. Students will also explore the careers in the cosmetology industry. **Prerequisite: 10TH or 11TH Grade; must be student's Program of Study**
Intro to Criminal Justice DC5602 Grade Level –10 Credits – 0.5 GPA Scale – 6.0	This course provides a historical and philosophical overview of the American criminal justice system, including the nature, extent, and impact of crime; criminal law; and justice agencies and processes. **Prerequisite: 10TH Grade; Application to Collin College; Acceptance into Legal Studies / Criminal Justice Program.**
Intro to Culinary Arts 6115A/B Grade Level –10 Credits – 1 GPA Scale – 5.0	Students will begin with the fundamentals and principles of the art of cooking and the science of baking. This course includes management and production skills and techniques of the culinary arts industry.
Intro to Welding 6010A/B Grade Level –10 Credits – 1 GPA Scale – 5.0	This course focuses on the introduction to 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. **Prerequisite: 10TH Grade; must be student's Program of Study.**
Journalism 1029A/B Grade Level –10/11/12 Credits – 1 GPA Scale – 5.0	In this course, students write in a variety of forms for a variety of audiences and purposes. Students are expected to plan, draft, and complete written compositions on a regular basis, carefully examining their papers for clarity, engaging language, and the correct us of the conventions and mechanics of written English. Students will become analytical consumers of media and technology to enhance their communication skills. They will learn journalistic traditions, research self-selected topics, write journalistic texts, and learn the principles of publishing. **Prerequisite: 10TH – 12th Grade.**
Journalism II 1030A/B Grade Level –11/12 Credits – 1 GPA Scale – 5.0	In this course, students write in a variety of forms for a variety of audiences and purposes. Students taking this course will refine and enhance their journalistic skills, research self-selected topics, plan, organize and prepare projects. **Prerequisite: 11TH or 12th Grade.**

Law Enforcement I 5511A/B Grade Level –11 Credits – 1 GPA Scale – 5.0	Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. Students will understand the role of constitutional law at local, state, and federal levels; the U.S. legal system; criminal law; and law enforcement terminology and the classification and elements of crime. **Prerequisite:11th Grade; Students must be enrolled in the Law Enforcement Program of Study.**
Law Enforcement II 5512A/B Grade Level –12 Credits – 1 GPA Scale – 5.0	Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. Students will understand ethical and legal responsibilities, patrol procedures, first responder roles, telecommunications, emergency equipment operations, and courtroom testimony. **Prerequisite:12th Grade; Students must be enrolled in the Law Enforcement Program of Study.**
Leadership DC5001 Grade Level –12 Credits – 0.5 GPA Scale – 6.0	Leadership and its relationship to management. Prepares the student with leadership and communication skills needed to motivate and identify leadership styles. **Prerequisite: 12TH Grade; Application to Collin College; Acceptance into Business Management program.**
Legal Aspects of Law Enforcement DC5611 Grade Level –12 Credits – 0.5 GPA Scale – 6.0	Police authority; responsibilities; constitutional constraints; laws of arrest, search, and seizure; and police liability. **Prerequisite: 12TH Grade; Application to Collin College; Acceptance into Legal Studies / Criminal Justice Program.**
Livestock Production 6033A/B Grade Level –10/11/12 Credits – 1 GPA Scale – 5.0	In this course, students will acquire knowledge and skills related to livestock and the livestock production industry. Livestock production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry. **Prerequisite: 10TH – 12th Grade.**
Organizational Behavior DC5013 Grade Level –12 Credits – 0.5 GPA Scale – 6.0	The analysis and application of organizational theory, group dynamics, motivation theory, leadership concepts, and the integration of interdisciplinary concepts from the behavioral sciences. **Prerequisite: 12TH Grade; Application to Collin College; Acceptance into Business Management program.**
Medical Law & Ethics DC5504 Grade Level –12 Credits – 0.5 GPA Scale – 6.0	Principles, procedures, and regulations governing the legal and ethical relationships among physicians, patients, and health care professionals. Includes current ethical issues related to the various healthcare professions and patient confidentiality. **Prerequisite: 12TH Grade; Application to Collin College; Acceptance into Medical Scribe program.**
Medical Terminology DC5501 Grade Level –12 Credits – 0.5 GPA Scale – 6.0	This course is a study of medical terms through word origin and structure. Introduction to abbreviations and symbols, surgical and diagnostic procedures, and medical specialties. **Prerequisite: 12th Grade; Application and enrollment into Collin College; application to Health Care Programs; Interview Process for program.**

Medical Therapy (Rehab Aide) 5508A/B Grade Level –12 Credits – 2 GPA Scale – 6.0	These courses prepare students for a career as a Rehabilitation Aide for Physical Therapy Technician. This is an excellent start for anyone interested in pursuing a career in physical therapy, occupational therapy, chiropractic, medicine, massage therapy, personal training, and other related medical fields. This course will offer an in-depth education with hands-on experience in the rehabilitation field using experience clinical staff and faculty along with state-of-the-art lab and simulation equipment. **Prerequisite: 12th Grade; Application and enrollment into Collin College; application to Program; Interview Process for program.**
Money Matters / 5001A/B Grade Level –10/11/12 Credits – 1 GPA Scale – 5.0	Students will investigate global economics with emphasis on the free enterprise system and its impact on consumers and business. Students apply critical thinking skills to analyze financial options based on current and projected economic factors. They will gain knowledge and skills necessary to set long-term financial goals based on those options and will determine methods of achieving these long-term financial goals through investment, tax planning, asset allocation, risk management, retirement planning, and estate planning. **Prerequisite: 10TH – 12th Grade.**
Networking 5026 Grade Level –12 Credits – 1 GPA Scale – 6.0	The dual credit courses taken during the Networking course provide comprehensive overview of computer hardware and software and an introduction to advanced concepts addressed by CISCO certification. In addition, these course assist individuals in preparing for Computing Technology Industry Association (CompTIA) Network certification exam and a career as a network professional. Students will also prepare for a career as a Network Engineer in the Information Technology support industry, which includes various responsibilities and tasks required for a service engineer to successfully perform in a specific environment. **Prerequisite: 12th Grade; Application and enrollment into Collin College; students must be enrolled in the Cybersecurity / Networking Program of Study.**
NJROTC I / Naval Science I 9800A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0	To introduce students to the meaning of citizenship, the elements of leadership, and the value of scholarship in attaining life goals; promote an awareness of the importance of a healthy lifestyle, including physical fitness, a proper diet, and controlling stress; drug awareness; provide the principles of health and first aid, geography and survival skills and an overview of Naval ships and aircraft. These elements are pursued at the fundamental level. Includes introduction to the NJROTC program; introduction to Leadership, Citizenship and the American Government; introduction to Wellness, Fitness, and First Aid to include diet, exercise and drug awareness, introduction to Geography, Orienteering, Survival and Map Reading Skills; Financial Skills and introduction to the U. S. Navy. **Note: This course can only count as a PE credit if no other PE credit has been earned.**
NJROTC II / Naval Science II 9801A/B Grade Level –10/11/12 Credits – 1 GPA Scale – 5.0	To build on the general introduction provided in Naval Science I, to further develop the traits of citizenship and leadership, and to introduce cadets to the technical areas of naval science and the role of the U.S. Navy in maritime history and the vital importance of the world's oceans to the continued well-being of the United States. Includes ongoing instruction into Leadership; introduction into Maritime History, including the American Revolution, Civil War, the rise of the U.S. to world power status, World Wars I and II, the Cold War Era, and the 1990s and beyond; introduction to Nautical Sciences to include Maritime Geography, Oceanography, Meteorology, Astronomy and Physical Sciences. **Prerequisite: NJROTC I**

NJROTC III / Naval Science III 9802A/B Grade Level –11/12 Credits – 1 GPA Scale – 5.0	Broaden the understanding of students in the operative principles of military leadership, the concept and significance of teamwork, the intrinsic value of good order and discipline in the accomplishment of objectives, and the importance of sea power and national security. Students gain a more in-depth knowledge of naval ships and aircraft and an introduction to marine navigation and seamanship. Includes instruction in Sea Power and National Security, Naval Operations and Support Functions, Military Law, and International Law and the Sea. Provides introduction to Ship Construction and Damage Control, Shipboard Organization and Watch Standing, Basic Seamanship, Marine Navigation, and Naval Weapons and Aircraft. Ongoing instruction in leadership, citizenship and discipline. **Prerequisite: NJROTC II**
NJROTC IV/ Naval Science IV 9803A/B Grade Level –12 Credits – 1 GPA Scale – 5.0	Focused primarily on practical leadership techniques and implementation. The intent is to assist seniors in understanding leadership and improving their leadership skills by putting them in positions of leadership, under supervision, then helping them analyze the reasons for their varying degrees of success throughout the year. Includes instruction in theoretical and applied aspects of leadership, training, and evaluation of performance. Students will become aware of the techniques used to create motivation, develop goals and activities for a work group, and the proper ways to set a leadership example. Students are provided access to ACT/SAT prep courses, guidance in selecting a college and pursuing available scholarships, and mentoring in establishing long range life goals. **Prerequisite: NJROTC III**
PAALs I & II 6019A/B OR 6022A/B Grade Level –11 /12 Credits – 1 GPA Scale – 5.0	The Peer Assistance and Leadership (PAAL) program utilizes the potential of youth to make a difference in the lives of schools and communities. PAAL nurtures and builds capacities to help youth develop protective factors, helping them to achieve school and social successes which lead to productive lives. Students will mentor young students within the PISD schools. Strict ethical demands are required from each PAAL through the districts Code of Conduct and a signed contract. **Prerequisite: 11th & 12th Grade, Application process, panel interview & selection.**
Pathophysiology DC5502 Grade Level –12 Credits – 0.5 GPA Scale – 6.0	This course is a study of the pathology and general health management of diseases and injuries across the lifespan. Topics include etiology, symptoms, and the physical and psychological reactions to diseases and injuries. **Prerequisite: 12th Grade; Application and enrollment into Collin College; application to CNA Program; Interview Process for program.**
Peer Assistance 6023A/B Grade Level –11/12 Credits – 1 GPA Scale – 5.0	This class is designed to promote an inclusive educational environment for special education students. Peer coaches assist teachers in the special education setting by helping to facilitate inclusion in the classroom. **Prerequisite – 11th & 12th Grade**
Police Systems & Practices DC5610 Grade Level –12 Credits – 0.5 GPA Scale – 6.0	This course examines the establishment, role, and function of police in a democratic society. It will focus on the types of police agencies and their organizational structure, police-community interaction, police ethics, and use of authority. **Prerequisite: 12TH Grade; Application to Collin College; Acceptance into Legal Studies / Criminal Justice Program.**
Practicum in Agriculture, Food, and Natural Resources 6036A/B Grade Level –12 Credits – 2 GPA Scale – 5.0	This course is designed to give students supervised practical application of knowledge and skills gained in the agricultural industry. This course is an extension of the agricultural programs of study. **Prerequisite: 12th Grade; student must be enrolled in an Agricultural Program of Study**

Practicum of Culinary Arts 6017A/B Grade Level –11 Credits – 2 GPA Scale – 5.0	Practicum of Culinary Arts students are employed in the food industry and are earning their credit through their employment. These students must meet with the instructor once a week to cover documentation needs. Students must continue to work with employment in the food industry while enrolled in this course. **Prerequisite: 12TH Grade; must be student's Program of Study.**
Practicum in Education and Training 6113A/B Grade Level –12 Credits – 2 GPA Scale – 5.0	This course is designed as a field-based course that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course will work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and perform other duties of classroom teachers, trainers, paraprofessionals, or other educational personnel. **Prerequisite: 12th Grade; Child Development; Principles of Education and Training; student must be enrolled in Education and Training Program of Study**
Practicum in Floral Design 6037A/B Grade Level –12 Credits – 2 GPA Scale – 5.0	This course is designed to give students supervised practical application of knowledge and skills gained in the agricultural industry. This course is an extension of the Plant and Soil Science Program of Study. **Prerequisite: 12th Grade; student must be enrolled in the Plant Science Program of Study**
Practicum in Hospitality Services 6121A/B Grade Level –12 Credits – 2 GPA Scale – 5.0	Practicum in Hospitality Services is a unique practicum experience to provide opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Practicum in Hospitality Services 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. Students are taught employability skills, including job-specific skills applicable to their training plan, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Practicum in Hospitality Services is relevant and rigorous, supports student attainment of academic and technical standards, and effectively prepares students for college and career success. **Prerequisite: 12th Grade; Intro to Culinary Arts; Travel & Tourism Management; student must be enrolled in the Hospitality Services Program of Study**
Practicum in Human Services 6050A/B Grade Level –12 Credits – 2 GPA Scale – 5.0	This course is designed to give students supervised practical application of knowledge and skills gained in the agricultural industry. This course is an extension of the agricultural programs of study. **Prerequisite: 12th Grade; Child Development; Human Growth & Development; student must be enrolled in the Family & Community Services Program of Study; Background Check.**

Practicum in Commercial Photography 1049A/B Grade Level –11/12 Credits – 2 GPA Scale – 5.0	This course will allow for students to develop advanced technical knowledge and skills needed for 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. **Prerequisite: 11TH or 12TH Grade; Yearbook sponsor approval.**
Principles of Education and Training 6112A/B Grade Level –11/12 Credits – 1 GPA Scale – 5.0	This course is designed to introduce learners to various careers within the Education and Training Career Cluster. Students are introduced to societal influences of education and various school models. Students learn the role and responsibilities of a classroom educator. **Prerequisite: 11TH or 12TH Grade; Child Development**
Principles of Law, Public Safety, Corrections, & Security 5510A/B Grade Level –10 Credits – 1 GPA Scale – 5.0	This course introduces students to professions in law enforcement, protective services, corrections, firefighting, and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, protective services, and corrections. **Prerequisite:10th Grade; Students must be enrolled in Law Enforcement or Fire Science Programs of Study.**
Principles of Management DC5011 Grade Level –11 Credits – 0.5 GPA Scale – 6.0	Concepts, terminology, principles, theories, and issues in the field of management. **Prerequisite: 11TH Grade; Application to Collin College; Acceptance into Business Management program.**
Principles of Nursing Science (CNA) 5507A/B Grade Level –12 Credits – 2 GPA Scale – 6.0	This class explores the health care industry and requirements for careers in health care. This course is designed to aid the student in obtaining health care specific knowledge and skills that are essential in today's health care setting. The course focuses on general information and important topics concerning: the history of health care; health care facilities; careers in health care; ethical and legal responsibilities of health care workers; human needs; cultural diversity; and understanding the principles of infection control. This course will help prepare students for the transition to clinical or work-based experiences in health care. Students will have to earn their certification as a certified nurse aide. **Prerequisite: 12th Grade; Application and enrollment into Collin College; application to CNA Program; Interview Process for program.**
Principles of Agriculture, Food, and Natural Resources 6025A/B Grade Level –9/10 Credits – 1 GPA Scale – 5.0	This principles class is a comprehensive course covering the broad field of agriculture including career planning and expectations, the agricultural industry and its global importance, agricultural leadership organizations (FFA), agricultural research, food and fiber production, animal and plant science, environmental science, basic mechanical skills, and personal and communication skills.

Principles of Applied Engineering 5024A/B Grade Level –9/10 Credits – 1 GPA Scale – 5.0	This class 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.
Principles of Construction 5100A/B Grade Level –9/10 Credits – 1 GPA Scale – 5.0	This course provides an overview to the various fields of architecture, interior design, construction science, and construction technology. Job-specific skilled training can be provided through the use of training modules to identify career goals in trade and industry areas. Safety and career opportunities are included, in addition to work ethics and job-related study in the classroom such as communications, problem solving and critical thinking, information technology applications, and health and safety. Other areas of study include environmental leadership and teamwork, ethics and legal responsibilities, employability and career development, technical skills, introduction to hand tools, introduction to power tools, basic rigging, and reading technical drawings.
Principles of Health Science 5503A Grade Level –11 Credits – 1 GPA Scale – 5.0	This class provides an overview of career exploration through systems of the health care industry, a focus on leadership development, medical terminology, medical math, ethical and legal issues, nutrition, and concepts of past and current medical trends in the health field. **Prerequisite: 11TH Grade.**
Principles of Information Technology 5016A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0	Students will acquire principles of computer maintenance, including computer hardware principles, and repair of computer systems. To prepare for success, students must have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.
Problem Solving & Decision Making DC5002 Grade Level –12 Credits – 0.5 GPA Scale – 6.0	Decision-making and problem-solving processes in organizations utilizing logical and creative problem-solving techniques. Application of theory is provided by experiential activities using managerial decisions tools. **Prerequisite: 12TH Grade; Application to Collin College; Acceptance into Business Management program.**
Robotics I 5021A/B Grade Level –11/12 Credits – 1 GPA Scale – 5.0	In this course, students will transfer academic skills to component design in a project-based environment through implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and education needs in the robotic and automation industry. **Prerequisite: 11TH – 12TH Grade.**
Robotics II 5025A/B Grade Level –12 Credits – 1 GPA Scale – 5.0	In this course, students will explore artificial intelligence and programming in the robotic and automation industry. Through 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. **Prerequisite: 12TH Grade; Robotics I.**
Sports Medicine I 8020A/B	This course provides an opportunity for the study and application of the components of sports medicine including but not limited to: sports medicine related careers,

Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0	organizational and administrative considerations, prevention of athletic injuries, recognition, evaluation, and immediate care of athletic injuries, rehabilitation and management skills, taping and wrapping techniques, first aid/CPR/AED, emergency procedures, nutrition, sports psychology, human anatomy and physiology, therapeutic modalities, and therapeutic exercise. **Prerequisite: Application required.**
Sports Medicine II 8021A/B Grade Level –10/11/12 Credits – 1 GPA Scale – 5.0	This course allows students to continue to progress in the study and application of the components of sports medicine including but not limited to: sports medicine related careers, organizational and administrative considerations, prevention of athletic injuries, recognition, evaluation, and immediate care of athletic injuries, rehabilitation and management skills, taping and wrapping techniques, first aid/CPR/AED, emergency procedures, nutrition, sports psychology, human anatomy and physiology, therapeutic modalities, and therapeutic exercise. **Prerequisite: 10TH – 12TH Grade; application required; Must be a student trainer.**
Sports Medicine III 8023A/B Grade Level –11/12 Credits – 1 GPA Scale – 5.0	This course allows students to continue to progress in the study and application of the components of sports medicine including but not limited to: sports medicine related careers, organizational and administrative considerations, prevention of athletic injuries, recognition, evaluation, and immediate care of athletic injuries, rehabilitation and management skills, taping and wrapping techniques, first aid/CPR/AED, emergency procedures, nutrition, sports psychology, human anatomy and physiology, therapeutic modalities, and therapeutic exercise. **Prerequisite: 11TH – 12TH Grade; application required; Must be a student trainer.**
Travel & Tourism Management 6120A/B Grade Level –11/12 Credits – 1 GPA Scale – 5.0	This course incorporates management principles and procedures of the travel and tourism industry as well as destination geography, airlines, international travel, cruising, traveling by rail, lodging, recreation, amusements, attractions, and resorts. Employment qualifications and opportunities are also included in this course. **Prerequisite: 11TH – 12TH Grade;**
Team Building DC5002 Grade Level –11 Credits – 0.5 GPA Scale – 6.0	Principles of building and sustaining teams in organizations. Includes team dynamics, process improvement, trust and collaboration, conflict resolution, and the role of the individual team. **Prerequisite: 11TH Grade; Application to Collin College; Acceptance into Business Management program.**
Veterinary Science 6030A/B Grade Level –10/11/12 Credits – 1 GPA Scale – 5.0	This course prepares students for careers in the field of animal science. Students will attain academic skills and knowledge related to animal systems, the workplace, and develop the knowledge and skills needed in this industry. Students will be placed in a variety of settings to assist in various medical applications. **Prerequisite: 10TH – 12TH Grade.**
Welding I 6024A/B Grade Level –11 Credits – 2 GPA Scale – 5.0	This course is designed to provide job-specific training for entry-level employment in welding careers. First-year instruction includes blueprint reading, cutting and welding with oxygen and gas fuels, shielded metal arc welding, gas tungsten arc and gas metal arc. **Prerequisite: 11TH Grade; successful completion of Intro to Welding; student must be enrolled in the Welding Program of Study.**
Welding II 6027A/B Grade Level –12 Credits – 2 GPA Scale – 5.0	Welding II expands on the knowledge and skills gained in Welding I. This course is designed to provide job-specific training for entry-level employment in welding careers. First-year instruction includes blueprint reading, cutting and welding with oxygen and gas fuels, shielded metal arc welding, gas tungsten arc and gas metal arc. **Prerequisite: 12TH Grade; Welding I; student must be enrolled in the Welding Program of Study.**

Yearbook I/II 1043A/B, 1044A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0	These courses offer students the opportunity to produce the school yearbook while exploring the elements and processes of magazine-type journalistic production. Proficiency in keyboarding, copy writing and/or photography are imperative. Students must work after school and some weekends to ensure that assignments are completed on time. Students will sell advertisements and attend required summer training. **Prerequisite: Instructor approval.**

English Language Arts Course Descriptions

English I 1002A/B Grade Level – 9 Credits – 1 GPA Scale – 5.0 ***NCAA+***	English I is a course in which students will write in a variety of forms, using recursive writing processes. They will rely on the conventions and mechanics of written English while evaluating their own writing and use writing as a learning tool. Students will read widely to increase knowledge of their own cultures as well as other cultures. Students will also express and support, analyze, read critically, and read in order to research assigned topics. Students will speak clearly and effectively for a variety of purposes and audiences, with preparation and organization for informative or persuasive messages as well as presenting literary interpretations. Students will understand, interpret, analyze, critique and produce visual representations that communicate with others using technological resources.
English I Honors 1003A/B Grade Level – 9 Credits – 1 GPA Scale – 5.5 ***NCAA+***	This is a college-preparatory introductory course in the reading and critical analysis of various literary genres. The course is concerned with language as a symbolic process and with literature as experience preserved in language. Writing will focus on analysis of basic rhetorical devices used by authors to convey purpose and theme. The readings view similar human experiences at different levels of linguistic sophistication. The students will also research and analyze media and produce oral presentations incorporating technology.
English II 1005A/B Grade Level – 10 Credits – 1 GPA Scale – 5.0 ***NCAA+***	English II is a course in which the students will write in a variety of forms (with emphasis on EOC preparation) using recursive writing processes while improving the usage of the conventions and mechanics of written English. The students will comprehend various genres of literature using a variety of strategies with emphasis on vocabulary. Reading will also be utilized to increase knowledge of other cultures. The students will listen to, analyze, appreciate, and evaluate oral performance and presentations. The students will prepare and present informative and persuasive messages utilizing technology and media in research and presentations. **Prerequisite – English I / Equivalent**
English II Honors 1006A/B Grade Level – 10 Credits – 1 GPA Scale – 5.5 ***NCAA+***	This is a college-preparatory course that will build upon the analytical and writing skills of English 1 Honors, where the students read various genres of literature at increasingly more sophisticated levels and analyze higher-level rhetorical devices. Technology will be used to explore techniques of various genres and to discover analysis of literature by other authors and students. The students will also produce oral presentations and products incorporating technology. **Prerequisite – English I / Equivalent**
English III 1008A/B Grade Level – 11 Credits – 1 GPA Scale – 5.0 ***NCAA+***	English 3 is a course that integrates a survey course in American Literature with other language arts skills including grammar and usage, elements of composition, critical and logical thinking/reasoning, speaking, and SAT vocabulary. Students will read in order to research self-selected and assigned topics using the Internet, SIRS, and other resources. The students will evaluate and critique oral presentations and performances. The student will analyze, understand, interpret and critique the significance of visual representations and communicate productions to others. **Prerequisite – English II / Equivalent**
English III AP 1009A/B Grade Level – 11 Credits – 1 GPA Scale – 6.0 ***NCAA+***	This is a course that builds on Honors course skills with emphasis on preparation for the Advanced Placement Language and Composition Exam. The students will identify religious, philosophical, historical and literary movements as they appear in American literature. Students will know outstanding writers, their works and the major themes expressed in them. Students will improve analytical skills through reading and in-depth discussion. Students will respond clearly and concisely to timed AP readings and essays. Students will utilize technology in analysis, research and presentations. Students are required to take the Advanced Placement Test. Note: This is the equivalent of an Honors College English Semester 1 Course. **Student must take the AP exam at end of the year. ** **Prerequisite – English II / Equivalent**

English IV 1010A/B Grade Level – 12 Credits – 1 GPA Scale – 5.0 ***NCAA+***	English 4 is a course where students will continue to increase and refine their communication skills. Students will be using the conventions and mechanics of written English. Students also read extensively for different purposes and in varied sources stemming from British literature and world literature to increase their vocabulary and their culture. Students will be required to use different sources of technology to prepare, organize, and present oral productions covering a variety of topics as well as include visual representations to effectively communicate with others. **Prerequisite – English III / Equivalent**
English IV AP 1010A/B Grade Level – 12 Credits – 1 GPA Scale – 6.0 ***NCAA+***	This is a course that provides greater opportunity for individual student accomplishment and demands more student effort. This course prepares students for the AP Literature and Composition exam. It penetrates deeper into the content of literature and the analysis of that content than the English 4 course. The course content is presented chronologically so the student may relate and synthesize the writer's ideas with the writer's period of time. The students will study literature in the genres of drama and the novel. A concentrated explication of specific poetic works of British poets completes the literature section. In composition the student will master the skills of synthesis including ordering ideas into a logical pattern, developing them with valid detail, and effectively communicating them to the audience with clarity, fluency, and tact. Students will use technology in the research of compositions. Students are required to take the Advanced Placement Test. Note: This is the equivalent of an Honors College English Semester 2 Course. **Student must take the AP exam at end of the year. ** **Prerequisite – English III AP / Equivalent**
College English Prep 1037A/B Grade Level – 12 Credits – 1 GPA Scale – 5.0 ***NCAA+***	This course is designed for students wishing to begin their college career with Collin College, or another college in agreement with the curriculum of this course. Students completing the College English Prep course will enhance their writing skills and be better prepared for the College English 1301/1302 course often taken in their freshman year of college. This course can take the place of English 4. Although students will NOT receive college credit through this course, once a student completes the course, they may be eligible for exemption of the TSI Exam before entry into Collin College. **Prerequisite – English III / Equivalent**
College English 1301/1302 DC1038A/B / DC1036A/B Grade Level – 11/12 Credits – 1 GPA Scale – 6.0 ***NCAA+***	Collin College course offered to PHS students. Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective and ethical rhetorical choices & inquiry, including audience, purpose, arrangement, style, primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis. *Note: Students receive 3 college credit hours each semester. *PISD passing standard is a numerical grade of 70 or higher.* **Prerequisite – Meet TSI College Readiness standard for Reading & Writing**
College English 2332 /2333 DC1034A/B / DC1035A/B Grade Level – 12 Credits – 1 GPA Scale – 6.0 ***NCAA+***	Collin College course offered to PHS students. A survey of world literature from the ancient world through the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions. *Note: Students receive 3 college credit hours each semester. *PISD passing standard is a numerical grade of 70 or higher.* **Prerequisite – ENGL 1302**
STAAR Writing Lab I / II 1004A/B or 1007A/B Grade Level – 10 /11 /12 Credits – 1 GPA Scale – 5.0	This course is designed for the student who has demonstrated a need for more intensive, targeted instruction in writing. The course includes instruction in techniques of effective writing for both practical and test situations. Each student's writing will be evaluated, and emphasis will then be placed on the interventions that are necessary in order for the student to succeed when writing is a requirement. *Note: The 1004 course will be counted as a required elective if a student does not score Approaches Grade Level on their 1st attempt of the English I STAAR EOC. The 1007 course will serve the same purpose for students who have not scored Approaches Grade Level on their 1st attempt of the English II STAAR EOC.* **Prerequisite – 10th grade**

Strategies for Success (CRSS) DC1001 Grade Level – 11 /12 Credits – 0.5 GPA Scale – 6.0	This course is a practical course designed to prepare students with the essential skills, knowledge, and mindset needed to succeed in both college and career environments. The course emphasizes personal development, academic readiness, goal setting, and life skills necessary for post-secondary success. **Prerequisite – 11th grade; Enrollment in McMurry University Dual Credit Academy**

Fine Arts Course Descriptions

Art I 7005A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0	This course will introduce students to a basic understanding of terms, concepts and techniques related to the experiences in drawing, sculpture, printmaking, commercial art and studies in various cultural arts. Students will demonstrate competency in the awareness, understanding, practical application, and demonstration of art theories, styles and technical skills.
Art II 7006A/B Grade Level –10/11/12 Credits – 1 GPA Scale – 5.0	Students are presented with progressively broader skill requirements. They will express their thoughts and ideas creatively, while challenging their imagination. Students, by analyzing artistic styles and history, will develop a greater sense of differences and strategies in art. At this point students will show a greater skill in individual creativity, to include ancient art, the masters, figure and portrait drawing, and modern art. **Prerequisite – Art I**
Art III 7007A/B Grade Level –11/12 Credits – 1 GPA Scale – 5.0	Students demonstrate expression of feeling, political tone, and persuasive visual messages then organize these learned skills to develop personal and expressive styles. Students will analyze art history and traditions in commercial and fine art. Preparations will be made to form life-long skill techniques. **Prerequisite – Art II**
Art IV 7008A/B Grade Level –12 Credits – 1 GPA Scale – 5.0	Students will further demonstrate expression of feeling through various artistic venues as they develop personal style and technique. **Prerequisite – Art III**
Band I / II / III/ IV 7034A/B / 7035A/B / 7036A/B / 7037A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0	These are instrumental music courses offered to all 9th – 12th grade students who have participated in band the previous year, either at the middle school level, the high school level, or in another district. The class is a full year course and consists of marching band for 10 weeks and concert band for the remainder of the year. *Note: State required PE credit may be obtained through 2 years of Band (Fall semester only) for the first two years of band.* **Prerequisite – Previous participation in band or director's discretion; may require audition**
Coed Choir I / II / III / IV 7030A/B / 7031A/B / 7032A/B / 7032A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0	Choir is a performance class. Students must audition for the choir Director. Class time is spent on choral techniques, learning to sight sing, and on the fundamentals of singing. The students will also experience many styles of choral music and learn of the cultures that accompany them. The class will perform several times during the year (primarily evening performances) and will participate in UIL events as well as other Coral Festivals. Some after/before school rehearsals may be required. UIL events include the All-Region Choir, Solo and Ensemble, and Concert and Sight-Reading Contest. **Prerequisite – Audition for Director**
Treble Choir 7047A/B Grade Level –9/10 Credits – 1 GPA Scale – 5.0	Students will engage in the preparation and performance of music of various musical styles. Repertoire will consist of traditional choral music, American folk music, and stage music. The class will perform several times during the year (primarily evening performances) and will participate in UIL events as well as other Coral Festivals. Some after/before school rehearsals may be required. UIL events include the All-Region Choir, Solo and Ensemble, and Concert and Sight-Reading Contest. **Prerequisite – Audition for Director**
Dance I / II / III / IV 9732A/B / 9747A/B / 9748A/B / 9755A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0	Student will develop perceptual thinking and movement abilities in daily life, promoting an understanding of themselves and others. They will develop movement principles and technical skills and explore choreographic and performance qualities, as well as self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with a sensitive kinesthetic awareness.

Competitive Dance **I / II / III / IV** 7011A/B / 7012A/B / 7014A/B / 7015A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0	Student will develop perceptual thinking and movement abilities in daily life, promoting an understanding of themselves and others. They will develop movement principles and technical skills and explore choreographic and performance qualities, as well as self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with a sensitive kinesthetic awareness. **Prerequisite – Audition for Director**
Jazz Band **I / II / III / IV** 7028A/B / 7029A/B / 7040A/B / 7041A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0	These are instrumental music courses offered to students who are currently enrolled in high school band. Entrance into the group is by audition and our director's recommendation. Certain instruments not available from the high school band may be supplemented from non-band members on an as-needed basis. The class is a semester or full year course. **Prerequisite – Enrollment in HS Band; Audition**
Mariachi Band **I / II / III / IV** 7060A/B / 7061A/B / 7062A/B / 7063A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0	These are instrumental music courses offered to students. They focus on traditional Mexican music, performance skills, techniques, and cultural understanding, with an emphasis on instruments like the guitar, vihuela, and guitarrón, along with optional trumpets, violins, and vocals. **Prerequisite –Audition; Selection by Director.**
Music Theory 7042A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0	Music theory is the study of how music works. It examines the language and notation of music. This is not an introductory music course. A working knowledge of music is required to enroll in this course. These classes can be taken for the full year. **Prerequisite – Enrollment in Band or Choir**
Show Choir **I / II / III / IV** 7048A/B / 7049A/B / 7050A/B / 7051A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0	This course is a performance-based class where students learn to prepare and perform popular music. Students learn how to add choreography to songs, as well as text interpretation, facial and body expression, and many performance skills. **Prerequisite – Audition for Director**
Technical Theatre **I / II / III / IV** 7022A/B / 7023A/B / 7024A/B / 7025A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0	This course is designed to give the student the opportunity to learn the backstage aspects in a technical theatrical production. This will incorporate basic make-up, lighting, set construction, costumes, sound, and props. This is a hands-on class and will require "getting dirty" from time to time.
Theatre Arts **I / II / III / IV** 1015A/B / 1016A/B / 1017A/B / 1018A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0	This course is designed to help students obtain the basic elements of theatre. This will include such topics as Theatre history, acting, movement, and technical support. This will be done through the preparation, presenting, and critiquing of acting scenes and testing.

Theatre Production I / II / III / IV 1031A/B / 1032A/B / 1033A/B / 1034A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0	Through diverse forms of storytelling and production, students will exercise and develop creativity, intellectual curiosity, critical thinking, problem solving, and collaborative skills. Participation and evaluation in a variety of theatrical experiences will afford students opportunities to develop an understanding of self and their role in the world. This is a "hands-on" class and a performance class. **Prerequisite – Audition for Director**

Foreign Language Course Descriptions

Spanish I 7000A/B Grade Level –9/10/11 Credits – 1 GPA Scale – 5.0 ***NCAA+***	Spanish 1 is designed to enable each student to attain and maintain proficiency in the language skills of listening, speaking, reading, and writing within a minimum period of time. The language is presented within the context of the Hispanic world and its culture. This course will make communication in Spanish relevant to the student's life.
Spanish I Honors 7016A/B Grade Level –9/10 Credits – 1 GPA Scale – 5.5 ***NCAA+***	Spanish 1 is designed to enable each student to attain and maintain proficiency in the language skills of listening, speaking, reading, and writing within a minimum period of time. The language is presented within the context of the Hispanic world and its culture. This course will make communication in Spanish relevant to the student's life. *Note: This course is only offered on the Lovelady High School Campus.*
Spanish II 7001A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0 ***NCAA+***	This course is designed to enable students to maintain and increase their proficiency in the language skills of listening, speaking, reading, and writing in Spanish. The language will be presented within the context of the Hispanic world and its culture. This course will make communication in Spanish relevant to the student's life. **Prerequisite – Spanish I**
Spanish II Honors 7017A/B Grade Level –9/10 Credits – 1 GPA Scale – 5.5 ***NCAA+***	This course is designed to enable students to maintain and increase their proficiency in the language skills of listening, speaking, reading, and writing in Spanish. The language will be presented within the context of the Hispanic world and its culture. This course will make communication in Spanish relevant to the student's life. *Note: This course is only offered on the Lovelady High School Campus.* **Prerequisite – Spanish I**
Spanish III Honors 7002A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.5 ***NCAA+***	This course will emphasize increased oral proficiency and oral comprehension. The student will continue to build upon the vocabulary, grammatical, and linguistic skills studied in Spanish 1 and 2. The student will also increase his/her proficiency in reading comprehension. A variety of texts, tapes, workbooks, and individualized activities will be used. **Prerequisite – Spanish II**
AP Spanish Language 9751A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 6.0 ***NCAA+***	This course is equivalent to an intermediate level college course in Spanish. Students cultivate an understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges. **Student must take the AP exam at end of the year. ** **Prerequisite – Spanish II or teacher approval**
AP Spanish Literature 9769A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 6.0 ***NCAA+***	This course is equivalent to a college level introductory survey course of literature written in Spanish. Students continue to develop their interpretive, interpersonal, and presentational skills in Spanish language as well as critical reading and analytical writing as they explore short stories, novels, pays, essays, and poetry from Spain, Latin America, and U.S. Hispanic authors along with other non-required texts. **Student must take the AP exam at end of the year. ** **Prerequisite – Spanish II or teacher approval**

Spanish for Spanish Speakers 9786A/B Grade Level –9/10 Credits – 2.0 GPA Scale – 5.0 ***NCAA+***	This course is designed for native speakers of Spanish to earn their two credits of foreign language in one year. Students will take this course and earn credit for Spanish 1 in the first semester and Spanish 2 in the second semester. The content of this course will cover the curriculum of Spanish 1 and Spanish 2. **Prerequisite – students first language should be Spanish**

Mathematics Course Descriptions

Algebra I 2004A/B Grade Level –9 Credits – 1 GPA Scale – 5.0 ***NCAA+***	Algebra 1 involves the development of foundational mathematics concepts. Emphasis is placed on the study of real numbers, the language of Algebra, linear equations and inequalities, functions, ratios, proportions, variations, polynomials, and quadratic functions. Students will be exposed to technology that will enable and assist them in solving various problems. This course gives the student the basic knowledge of Algebra.
Algebra II 2007A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0 ***NCAA+***	Algebra 2 is designed to continue the study from Algebra 1 of linear equations, inequalities, and functions. The course includes a study of the conic sections, the study of exponential and logarithmic relations, probability, and statistics. This course should give the student an in-depth study of the structure of Algebra. **Prerequisite – Algebra I & at least concurrent enrollment in Geometry**
Algebra II Honors 2016A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.5 ***NCAA+***	Algebra 2 Honors is designed for college bound students showing a high level of aptitude for mathematics. This course covers the essentials of Algebra 2 plus goes beyond the regular course content and depth. Emphasis will be placed on each student's ability to operate on a higher level of reasoning. Students will be encouraged to compare and challenge other students' work and will be asked periodically to present their work to the rest of the class for discussion. SAT objectives will also be addressed. **Prerequisite – Algebra I & at least concurrent enrollment in Geometry**
Calculus AB AP 2011A/B Grade Level –11/12 Credits – 1 GPA Scale – 6.0 ***NCAA+***	Calculus AB is a rigorous course designed for exceptional mathematic students who show a high level of mathematical ability and understanding. The content requirements are prescribed in the College Board publication Advanced Placement course description for Calculus AB. Emphasis will be placed on student reasoning abilities, application abilities, and problem-solving techniques. **Student must take the AP exam at end of the year. ** **Prerequisite – Pre-Calculus / Pre-Calculus Honors**
College Math Prep 2008A/B Grade Level –12 Credits – 1 GPA Scale – 5.0	This course is designed for students wishing to begin their college career with Collin College, or another college in agreement with the curriculum of this course. Students completing the College Math Prep course will enhance their math skills and be better prepared for the College Math 1314/1316 course often taken in their freshman year of college. Although students will NOT receive college credit through this course, once a student completes the course, they may be eligible for exemption of the TSI Exam before entry into Collin College. **Prerequisite: 12th Grade**
Contemporary Math (AQR) DC2010 Grade Level –12 Credits – 0.5 GPA Scale – 6.0	This course focuses on conveying the power of mathematics by showing a variety of problems that can be modeled and solved by quantitative means. This course will give a broad sense of what Math is about and how it applies to everyday life. Some of the topics this course may include are Management Science, Statistics, The Science of Data, Voting and Social Choice, Fairness and Game Theory, The Digital Revolution, On size and Growth, and Your Money and Resources. **Prerequisite: 12th Grade; enrollment in McMurry University Dual Credit Academy**

Financial Math 2025A/B Grade Level –11/12 Credits – 1 GPA Scale – 5.0 ***NCAA+***	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 economics factors. This course will integrate career and postsecondary education planning into financial decision making.
Geometry 2006A/B Grade Level –9/10 Credits – 1 GPA Scale – 5.0 ***NCAA+***	Geometry is an in-depth study of plane and solid figures. The student will study basic properties of lines, planes, triangles, polygons, circles, and geometric properties. Spatial reasoning will also play an important role as shapes and figures provide powerful ways to represent mathematical situations and to express generalizations about space and spatial relationships. The course is directed toward giving the student a thorough understanding of the structure of geometry and the process of logical thinking. The student will increase their understanding of connections between the real and mathematical worlds. **Prerequisite: Algebra I**
Geometry Honors 2015A/B Grade Level –9/10 Credits – 1 GPA Scale – 5.5 ***NCAA+***	Geometry Honors is designed for college bound students who show a high level in, and strong aptitude for, mathematics. This course covers the content of geometry and goes beyond the regular course in both content and depth. Emphasis will be placed on each student's ability to operate on a higher level of reasoning where the student may apply, synthesize, and analyze problem solving tasks to reach valid conclusions and the application of more involved algebraic techniques to solve geometric problems. Course work will include projects and use of technology. **Prerequisite: Algebra I**
Math 1314 – College Algebra DC2012A Grade Level –11/12 Credits – 0.5 GPA Scale – 6.0 ***NCAA+***	Collin College course offered to PHS students. In-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included. Graphing calculator required. *Note: Students receive 3 college credit hours. *PISD passing standard is a numerical grade of 70 or higher.* **Prerequisite: Algebra II; Meet TSI college-readiness standard for Mathematics**
Math 1314 – Elementary Statistics DC2020 Grade Level –11/12 Credits – 0.5 GPA Scale – 6.0 ***NCAA+***	Collin College course offered to PHS students. Collection, analysis, presentation and interpretation of data and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing. Use of appropriate technology is recommended. Graphing calculator required. Lab required. *Note: Students receive 3 college credit hours. *PISD passing standard is a numerical grade of 70 or higher.* **Prerequisite: Algebra II; Meet TSI college-readiness standard for Mathematics**
Math 2142 – College Pre-Calculus DC2013 Grade Level –11/12 Credits – 0.5 GPA Scale – 6.0 ***NCAA+***	Collin College course offered to PHS students. In-depth combined study of algebra, trigonometry, and other topics for calculus readiness. Graphing calculator required. *Note: Students receive 3 college credit hours. *PISD passing standard is a numerical grade of 70 or higher.* **Prerequisite: MATH 1314 with a C or better; or equivalent preparation**
Math Models with Applications 2018A/B Grade Level –11/12 Credits – 1.0 GPA Scale – 5.0 ***NCAA+***	This course is designed to build on the knowledge and skills for mathematics in K- Grade 8 and Algebra I. This mathematics course provides a path for students to succeed in Algebra II and prepares them for various post-secondary choices. Students learn to apply mathematics through experiences in personal finance, science, engineering, fine arts, and social sciences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, model information, solve problems, and communicate solutions. Students will select from tools such as physical objects, manipulatives, technology, and paper and pencil and from methods such as algebraic techniques, geometric reasoning, patterns, and mental math to solve problems.

Pre-Calculus 2009A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0 ***NCAA+***	The 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 Pre-Calculus deepens students' mathematical understanding and fluency with algebra and trigonometry. Students investigate and explore mathematical ideas, develop multiple strategies for analyzing complex situations, and use technology to build understanding, make connections between representations, and provide support in solving problems. **Prerequisite: Algebra I, Geometry, Algebra II**
Pre-Calculus Honors 2010A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.5 ***NCAA+***	Pre-Calculus Honors is a course designed to prepare students for College Algebra. It is a rigorous course designed to prepare students for Calculus as well as other higher-level mathematics courses. Students will use symbolic reasoning and analytical methods to represent mathematical situations, to express generalizations and study mathematical concepts. Students will use functions, equations and limits to express generalizations and analyze mathematical relationships. Time will also be spent preparing students for College Board exams. **Prerequisite: Algebra I, Geometry, Algebra II**
Statistics 2024A/B Grade Level –11/12 Credits – 1 GPA Scale – 5.0 ***NCAA+***	Students will broaden their knowledge of variability and statistical processes. Students will study sampling and experimentation, categorical and quantitative data, probability and random variables, inference, and bivariate data. Students will connect data and statistical processes to real-world situations. In addition, students will extend their knowledge of data analysis. **Prerequisite: Algebra I, Geometry, Algebra II**

Non-Credit Course Descriptions

Administrative Release 9999A/B / 9889A/B / 9198A/B / 9199A/B Grade Level –12 Credits – 0 GPA Scale – N/A	For seniors who have met their course and credit requirements. Students may acquire this through early release or late arrival, depending on schedule needs. Students taking Dual Credit courses may have this on alternate days not having classes. This is also available for students taking online courses. No more than two periods may be selected as Administrative Release. **Prerequisite: 12TH grade; all credit requirements met; have earned / on track to earn CCMR designation.**
The Den 9990A/B / 9991A/B / 9992A/B Grade Level –10/11/12 Credits – 0 GPA Scale – N/A	This course gives an opportunity for students to have a relaxed atmosphere with a study hall feel. This allows students the opportunity to complete homework, have time on the computer for college applications and scholarship searches, and complete coursework required for online courses. This course is encouraged for all students who wish to take an online course. It is also encouraged for students who wish to take Dual Credit courses, if they wish to have this on alternate days. **Prerequisite: All credit requirements met**
Counseling Aide 9109A/B Grade Level –11/12 Credits – 0 GPA Scale – N/A	Students will assist with various office duties such as filing, assisting with textbooks, running campus errands, and other various office needs. Confidentiality is a MUST for this job. Note: This is for a local credit only. **Prerequisite: 12TH grade; all credit requirements met.**
Library Aide 9102A/B Grade Level –12 Credits – 0 GPA Scale – N/A	Student will assist librarian with various duties including stacking books, serving patrons and assisting with computer lab duties. Note: This is for a local credit only. **Prerequisite: 12TH grade; all credit requirements met.**
Office Aide 9101A/B Grade Level –12 Credits – 0 GPA Scale – N/A	Students will assist with various office duties such as filing, assisting with textbooks, running campus errands, and other various office needs. Confidentiality is a MUST for this job. Note: This is for a local credit only. **Prerequisite: 12TH grade; all credit requirements met.**

Physical Education Course Descriptions

Athletics ****A/B - determined by sport Grade Level –9/10/11 /12 Credits – 1 GPA Scale – 5.0	This course is for students who wish to participate in freshman, JV, or Varsity athletics. Sport participation is required; off-season training during non-season time. **Prerequisite: Coaches' approval, tryouts required**
NJROTC I / Naval Science I 9800A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0	To introduce students to the meaning of citizenship, the elements of leadership, and the value of scholarship in attaining life goals; promote an awareness of the importance of a healthy lifestyle, including physical fitness, a proper diet, and controlling stress; drug awareness; provide the principles of health and first aid, geography and survival skills and an overview of Naval ships and aircraft. These elements are pursued at the fundamental level. Includes introduction to the NJROTC program; introduction to Leadership, Citizenship and the American Government; introduction to Wellness, Fitness, and First Aid to include diet, exercise and drug awareness, introduction to Geography, Orienteering, Survival and Map Reading Skills; Financial Skills and introduction to the U. S. Navy. **Note: This course can only count as a PE credit if no other PE credit has been earned.**
PE 8030A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0	This course is designed to provide the knowledge and skills of the process of becoming fit as well as achieving some degree of fitness. Exhibiting a physically active lifestyle and an understanding of the relationships between physical activity and health throughout the lifespan is the basic purpose of this course.
Cheerleading 8036A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0	This course will emphasize curricular and extracurricular activities by promoting school spirit. Cheerleaders are involved in summer camps, pep rallies, games, community events and competitions. Membership is attained through a tryout process. **Prerequisite: Coaches' approval, tryouts required**

Science Course Descriptions

Advanced Animal Science 6021A/B Grade Level –11 /12 Credits – 1 GPA Scale – 6.0 ***NCAA+***	To be prepared for careers in the field of animal science, students need to attain academic skills and knowledge related to animal systems and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. This course 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: The completion of this course allows students to earn 3.0 credit hours from Tarleton State University. Course is for students on an Agricultural Program of Study.**
Advanced Plant and Soil Science 6020A/B Grade Level –11/12 Credits – 1 GPA Scale – 5.0 ***NCAA+***	This course provides a way of learning about the natural world. Students should know how plant and soil science has influenced a vast body of knowledge, that there are still applications to be discovered, and that plant and soil science is the basis for many other fields of science. **Note: Course is for students on an Agricultural Program of Study.**
Anatomy & Physiology 3014A/B Grade Level –11/12 Credits – 1 GPA Scale – 5.0 ***NCAA+***	Students conduct in-depth investigations of anatomy and physiology of human systems including circulatory, nervous, endocrine, and respiratory systems. They learn environmental factors that affect the body and how the body maintains homeostasis.
Anatomy & Physiology Honors 3011A/B Grade Level –11/12 Credits – 1 GPA Scale – 5.5 ***NCAA+***	Students conduct in-depth investigations of anatomy and physiology of human systems including circulatory, nervous, endocrine, and respiratory systems. They learn environmental factors that affect the body and how the body maintains homeostasis. Students will dive deeper into their study of anatomy and physiology in this honors course.
Astronomy 3020A/B Grade Level –11/12 Credits – 1 GPA Scale – 5.0 ***NCAA+***	This course will provide the student with an introduction to the concepts of modern astronomy, the origin and history of the universe and the formation of the Earth and solar system. Students will compare the Earth's properties with those of the other planets and explore how the heavens have influenced human thought and action. This course gives description of astronomical phenomena using the laws of physics. The course treats many standard topics including planets, starts, the Milky Way and other galaxies, black holes to more esoteric questions concerning the origin of the universe and its evolution and fate.
Biology I 3006A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.0 ***NCAA+***	Science is a way of learning about the natural world. Biology I is the beginning of that process. Students in biology study a variety of topics that include: structures and functions of cells and viruses, growth and development of organisms, biological evolution, metabolism, genetics, taxonomy, living systems, ecosystems, and plans and environments.
Biology I Honors 3007A/B Grade Level –9/10/11/12 Credits – 1 GPA Scale – 5.5 ***NCAA+***	Science is a way of learning about the natural world. Biology I is the beginning of that process. Students in biology study a variety of topics that include: structures and functions of cells and viruses, growth and development of organisms, biological evolution, metabolism, genetics, taxonomy, living systems, ecosystems, and plans and environments. More extensive coursework and reading required.

Biology II AP 3009A/B Grade Level –11/12 Credits – 1 GPA Scale – 6.0 ***NCAA+***	Science is a way of learning about the natural world. Biology I is the beginning of that process. Students in biology study a variety of topics that include: structures and functions of cells and viruses, growth and development of organisms, biological evolution, metabolism, genetics, taxonomy, living systems, ecosystems, and plans and environments. Students will be required to take the Advanced Placement exam at the end of the school year. **Prerequisite: Algebra I and Biology**
Chemistry 3005A/B Grade Level –10/11/12 Credits – 1 GPA Scale – 5.0 ***NCAA+***	Students study a variety of topics that include: characteristics of matter, energy, transformation during physical and chemical changes, atomic structure, periodic table of elements, behavior of gases, bonding, oxidation-reduction reactions, acids and bases, and chemical reactions. Students will investigate and conduct laboratory experiments as an integral part of this course. **Prerequisite: Algebra I and Biology**
Chemistry Honors 3003A/B Grade Level –10/11/12 Credits – 1 GPA Scale – 5.5 *NCAA+*	Students study a variety of topics that include: characteristics of matter, energy, transformation during physical and chemical changes, atomic structure, periodic table of elements, behavior of gases, bonding, oxidation-reduction reactions, acids and bases, and chemical reactions. Students will investigate and conduct laboratory experiments as an integral part of this course. The rigor of this course will enable the student to achieve high academic AP skills through high level thinking, outside reading, research, and project development. **Prerequisite: Algebra I and Biology**
Chemistry AP 3010A/B Grade Level –11/12 Credits – 1 GPA Scale – 6.0 ***NCAA+***	AP Chemistry is an introductory college-level chemistry course. Students cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four Big Ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy. **Prerequisite: Algebra I, Chemistry**
Environmental Science I/II – ENVR 1401/1402 DC3014A/B Grade Level –12 Credits – 1 GPA Scale – 6.0 ***NCAA+***	A survey of the forces, including humans, that shape our physical and biological environment, and how they affect life on Earth. Introduction to the science and policy of global and regional environmental issues, including pollution, climate change, and sustainability of land, water, and energy resources. Second semester continues the interdisciplinary study of both natural and social sciences as they apply to the environment. Focus on energy issues, global warming, ozone loss, land use, conservation and management, deforestation, biodiversity, the history of environmental law and regulation and local environmental problems. **Prerequisite: Physics; Application and enrollment in Collin College; Meet TSI college-readiness standard for Mathematics or equivalent. Note: Students receive 4 college credit hours for each semester.**
Forensic Science 3018A/B Grade Level –12 Credits – 1 GPA Scale – 5.0 ***NCAA+***	This is a survey course that introduces students to the application of science to law. Students learn terminology and procedures related to the collection and examination of physical evidence using scientific processes performed in a field or laboratory setting. Students also learn the history and legal aspects of the field. **Prerequisite: 12TH Grade; Biology; Chemistry, IPC, or Physics.**
Integrated Physics & Chemistry (IPC) 3002A/B Grade Level –10/11/12 Credits – 1 GPA Scale –5.0 ***NCAA+***	This course is designed for students interested in gaining a general knowledge of chemistry and physics. Topics include: force and motion, waves, energy transformations, properties of matter, changes in matter, and solution chemistry. Students conduct field and laboratory investigations, use the scientific method during investigations, and make informed decisions using critical thinking and scientific problem solving.

Physics 3001A/B Grade Level –11/12 Credits – 1 GPA Scale –5.0 ***NCAA+***	Students study the dynamics of motion, forces on objects, conservation of energy and momentum, thermodynamics, electricity and magnetism, including nuclear and atomic physics. The physics course includes topics in both classical and modern physics. A systematic introduction to the main principles of physics helps emphasize the development of conceptual understanding and problem-solving skills. Students apply algebra and trigonometry skills to analytically solve problems. Labs are hands on investigation where students make observation, record data and then analyze data collected to confirm principles being taught. Students are expected to use computer programs related to real data collection. **Prerequisite: Algebra 1 complete & concurrent enrollment in Algebra 2.**
Physics Honors 3001A/B Grade Level –11/12 Credits – 1 GPA Scale –5.5 ***NCAA+***	Students study the dynamics of motion, forces on objects, conservation of energy and momentum, thermodynamics, electricity and magnetism, including nuclear and atomic physics. The physics course includes topics in both classical and modern physics. A systematic introduction to the main principles of physics helps emphasize the development of conceptual understanding and problem-solving skills. Students apply algebra and trigonometry skills to analytically solve problems. Labs are hands on investigation where students make observation, record data and then analyze data collected to confirm principles being taught. Students are expected to use computer programs related to real data collection. More extensive coursework and reading required. **Prerequisite: Algebra 1 complete & concurrent enrollment in Algebra 2.**
Physics AP – Algebra Based 3017A/B Grade Level –11/12 Credits – 1 GPA Scale –5.5 ***NCAA+***	In this AP course, students study the dynamics of motion, forces on objects, conservation of energy and momentum, thermodynamics, electricity and magnetism, including nuclear and atomic physics. A systematic introduction to the main principles of physics helps emphasize the development of conceptual understanding and problem-solving skills. Students apply algebra and trigonometry skills to analytically solve problems. Labs are hands on investigation where students make observation, record data and then analyze data collected to confirm principles being taught. Students are expected to use computer programs related to real data collection. Students are required to take the Advanced Placement test. **Prerequisite: Algebra 1 complete & concurrent enrollment in Algebra 2.**

Social Studies Course Descriptions

Economics 4005A/B Grade Level –10/11 /12 Credits – 1.0 GPA Scale – 5.0 ***NCAA+***	Students will focus on the basic principles concerning production, consumption, and distribution of goods and services in the United States and a comparison with those in other countries around the world. Students will examine the rights and responsibilities of consumers and businesses. Types of business ownership and market structures are discussed. The impact of a variety of factors including geography, the federal government, economic ideas from philosophers and historic documents, societal values, scientific discoveries, and technological innovations on the national economy is an integral part of the course. Topics of study will include stocks, bonds, emerging markets, investing and personal finance. Students will apply critical thinking skills. Online students will be required to meet with instructor periodically and take exams with instructor when scheduled. **Prerequisite: 10th Grade**
Economics 2301 Dual Credit DC4010/DC4011 Grade Level –11 /12 Credits – 0.5 GPA Scale – 6.0 ***NCAA+***	This is a college course which studies the analysis of the economy as a whole including measurement and determination of Aggregate Demand and Aggregate Supply, national income, inflation, and unemployment. Other topics include international trade, economics growth, business cycles, and fiscal policy and monetary policy. **Prerequisite: Application and enrollment in Collin College. Meet TSI college-readiness standard for Reading and Writing; or equivalent. Note: Students receive 3 college credit hours.**
Government 2305 – National Government - Dual Credit DC4008/DC4009 Grade Level –11 /12 Credits – 0.5 GPA Scale – 6.0 ***NCAA+***	This is a college course which studies the origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights. **Prerequisite: Application and enrollment in Collin College. Meet TSI college-readiness standard for Reading and Writing; or equivalent. Note: Students receive 3 college credit hours.**
Government 2306 – Texas Government - Dual Credit DC4013/DC4019 Grade Level –11 /12 Credits – 0.5 GPA Scale – 6.0 ***NCAA+***	This is a college course which studies the origin and development of the Texas Constitution, structure and powers of the state and local government, federalism and inter-governmental relations, political participation, the election process, public policy and the political culture of Texas. **Prerequisite: Application and enrollment in Collin College. Meet TSI college-readiness standard for Reading and Writing; or equivalent. Note: Students receive 3 college credit hours. This course will count as 0.5 Elective Credits in high school.**
Human Geography AP 4028A/B Grade Level –9 Credits – 1.0 GPA Scale – 6.0 ***NCAA+***	AP Human Geography is an introductory college-level human geography course. Students cultivate their understanding of human geography through data and geographic analysis as they explore topics like patterns and spatial organization, human impacts and interactions with their environment, and spatial processes and societal changes.

Learning Frameworks Dual Credit DC4013/DC4019 Grade Level –11 /12 Credits – 0.5 GPA Scale – 6.0 ***NCAA+***	This is a college course which studies the origin and development of the Texas Constitution, structure and powers of the state and local government, federalism and inter-governmental relations, political participation, the election process, public policy and the political culture of Texas. **Prerequisite: Application and enrollment in Collin College. Meet TSI college-readiness standard for Reading and Writing; or equivalent. Note: Students receive 3 college credit hours. This course will count as 0.5 Elective Credits in high school.**
New Testament 1051 Grade Level –10/11 /12 Credits – 0.5 GPA Scale – 5.0 ***NCAA+***	This course is a Special Topics in Social Studies course intended to look at the New Testament scriptures from a historical perspective. **Prerequisite: 10TH – 12TH Grade.**
Old Testament 1050 Grade Level –10/11 /12 Credits – 0.5 GPA Scale – 5.0 ***NCAA+***	This course is a Special Topics in Social Studies course intended to look at the Old Testament, Hebrew scriptures from a historical perspective. **Prerequisite: 10TH – 12TH Grade.**
Personal Financial Literacy & Economics 4029 Grade Level –10/11 /12 Credits – 0.5 GPA Scale – 5.0 ***NCAA+***	The Personal Financial Literacy and Economics course emphasizes the economic way of thinking, which serves as a framework for the personal financial decision-making opportunities introduced in the course. The course builds on and extends the economic content and concepts studied in K- Grade 12 social studies in Texas. It provides a foundation in both microeconomics and macroeconomics. Students will survey the impact of demand, supply, various industry structures, and government policies on the market for goods, services, ad wages for workers.
Psychology 4020 Grade Level –10/11 /12 Credits – 0.5 GPA Scale – 5.0 ***NCAA+***	Psychology introduces students to the scientific study of behavior and mental processes. Students will learn about approaches to psychology, the life span, and the workings of the mind and body. Students will use this information to gain insight into life and the lives of those around them. **Prerequisite: 10TH – 12TH Grade.**
Sociology 4021 Grade Level –10/11 /12 Credits – 0.5 GPA Scale – 5.0 ***NCAA+***	Sociology examines how individuals, groups, and institutions interact to make up human societies. Students will learn about sociological perspectives, cultural, social structures, and social inequality. Students will study people and the roles they play in society, both as individuals and as groups. **Prerequisite: 10TH – 12TH Grade.**

US Government 4004 Grade Level –10/11 /12 Credits – 0.5 GPA Scale – 5.0 ***NCAA+***	In this course, students will focus on the principles and beliefs upon which the United States was founded and, on the structure, functions, and powers of government at the national, state, and local levels. Students learn major political ideas and forms of government in history. A significant focus is the U.S. Constitution, its underlying principles and ideas, and the form of government it created. Students will: analyze major concepts of republicanism, federalism, checks and balances, separations of powers, popular sovereignty, and the individual rights and compare the U.S. system of government with other political systems; identify the role of the government in the U.S. free enterprise system and examine the strategic importance of places to the United States; 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; analyze the rights guaranteed by the U.S. Constitution; and examine the relationship between governmental policies and the culture of the United States. **Prerequisite: 10th Grade**
United States History, Since Reconstruction 4001 A/B Grade Level –11 Credits – 1.0 GPA Scale – 5.0 ***NCAA+***	This course is the second part of a two-year American history study that began in the eighth grade. It starts with reconstruction and goes to the present. The course focuses on the political, economic, and social events of the United States history.
United States History AP 4012 A/B Grade Level –11 Credits – 1.0 GPA Scale – 6.0 ***NCAA+***	This course is a two-semester course covering the history of the United States from early exploration through today. Students will be prepared for the Advanced Placement exam. Students will be exposed to a large quantity of cultural, political, economic, and social history. Student will also learn college level skills such as historical essay writing and document analysis. This is the equivalent of an Honors College US History course. **Note: Students are required to take the Advanced Placement Test.**
US History 1301/1302 Dual Credit DC4000A/B Grade Level –11 Credits – 1.0 GPA Scale – 6.0 ***NCAA+***	A survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the present. This includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, Civil War / Reconstruction eras. It also examines industrialization, immigration, world wards, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the creation and expansion of the federal government, and the study of U.S. foreign policy. **Prerequisite: Application and enrollment in Collin College. Meet TSI college-readiness standard for Reading and Writing; or equivalent. Note: Students receive 3 college credit hours per semester.**
World Geography 4002A/B Grade Level –9 Credits – 1.0 GPA Scale – 5.0 ***NCAA+***	Students examine the five themes of geography: location, place, interaction, movement, and regions. The students will also learn how each theme interacts with the others. Students compare how components of culture shape the characteristics of regions and analyze the impact of technology and human modification and the physical environment.
World History 4003A/B Grade Level –10/11/12 Credits – 1.0 GPA Scale – 5.0 ***NCAA+***	World History is the only course offering students an overview of the entire history of mankind. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present. Students examine cultural, economic, and geographical impacts on history and the development of countries around the world. **Prerequisite: 10TH – 12TH Grade.**

World History 2321/2322 – Dual Credit DC4022A/B Grade Level –10/11/12 Credits – 1.0 GPA Scale – 5.0 ***NCAA+***	The first semester is a survey of the social, political, economic, cultural, and intellectual history of the world from the emergence of human cultures through the 15th century. The course examines major cultural regions of the world in Africa, the Americas, Asia, Europe, and Oceania and their global interactions over time. Themes include the emergence of early societies, the rise of civilizations, the development of political and legal systems, religion and philosophy, economic systems and trans-regional networks of exchange. The course emphasizes the development, interaction, and impact of global exchange. The second semester is a survey of the same topics from the 15th century to the present. **Prerequisite: Meet TSI college-readiness standard for Reading and Writing; or equivalent. Note: Students receive 3 college credit hours per semester.**

Course Plans

Arts & Humanities

Fine Arts – Art
Fine Arts – Band
Fine Arts – Choir
Fine Arts – Dance
Fine Arts – Theatre Arts
Languages Other than English - Spanish
Social Studies

Business & Industry

Agricultural Mechanics
Agriculture – Animal Science
Agriculture – Plant Science
Audio / Video Production
Auto Technician
Business Management
Commercial Photography
Computer Tech - IT Support
Construction
Culinary Arts
Cybersecurity / Networking
Debate
Entrepreneurship
Heating, Ventilation, & Air Conditioning
Hospitality Services
Welding

Multidisciplinary

Multidisciplinary – 4x4

Public Service

Certified Nursing Assistant
Cosmetology
Criminal Justice
Emergency Medical Technician
Family & Community Service
Fire Science
Law Enforcement
Medical Scribe
Rehab Aide
Teaching & Training
Junior Reserve Officer Training Corps

Science, Technology, Engineering & Math

Electrical Engineering Tech
Engineering Foundations
Math
Robotics
Science

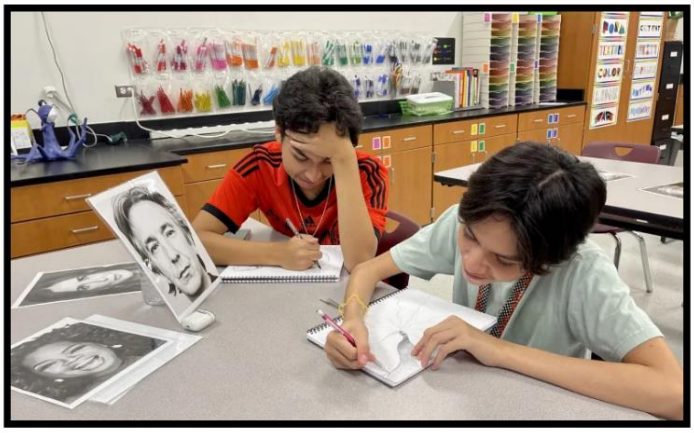
Career Cluster: Arts & Humanities

Program: Fine Art - Art

The Arts and Humanities plan in Fine Arts with a focus on art would develop strong creative and technical skills through hands-on experience in drawing, painting, sculpture, and other visual media. They would learn about art history, cultural influences, and different artistic movements, gaining an appreciation for how art reflects society and human expression. Through projects and critiques, students would strengthen their ability to think critically, communicate ideas visually, and solve problems creatively. Additionally, they would build a portfolio showcasing their artistic growth, preparing them for further study or careers in the visual arts and related fields.

Secondary Courses for High School Credit

- Art 1-4



Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Work with local artists, galleries, or art studios to gain real-world experience in creating, curating, or displaying art. • Community Art Projects – Collaborate on murals, public art installations, or school beautification projects.
Expanded Learning Opportunities	• Summer Art programs or camps • Field trips to museums • National Art Honor Society • Art showcases and competitions



Successful completion of the Art program of study will fulfill requirements of the Arts & Humanities endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Studio Art Assistant
- Photography Assistant

Associate Degrees
- Fine Arts
- Graphic Design
- Studio Art

Bachelor's Degrees
- Bachelor of Fine Arts
- Art History
- Graphic Design

Master's, Doctoral, and Professional Degrees
- Masters of Fine Arts
- Masters in Art Education

Additional Stackable IBCs/License
- Visual Arts Specialist
- Art Therapy Certificate

Example Aligned Occupations

Art Directors
Median Wage: $80,944
Annual Openings: 1576
10-Year Growth: 18.5%

Fine Artist
Median Wage: $33,680
Annual Openings: 200
10-Year Growth: 17.5%

Art Teacher
Median Wage: $76,999
Annual Openings: 770
10-Year Growth: 10%

Data Source: My Texas Future accessed: 11/11/2025

For more information visit:
https://www.mytexasfuture.org/career-explorer

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

Arts & Humanities - Fine Arts – Art

Art I → Art II → Art III → Art IV

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Art I	**Art I**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Art II	**Art II**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Art III	**Art III**
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Art IV	**Art IV**
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

Arts & Humanities - Fine Arts – Art
Collegiate Academy Track

Art I → Art II → Art III → Art IV

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Art I	**Art I**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Art II	**Art II**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course**	ARTS 1301
Summer Course**	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Art III	**Art III**
Elective	
Elective	
Summer Course**	GOVT 2306
Summer Course**	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
Art IV	**Art IV**
~~Elective~~	GOVT 2305 / ECON 2301
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Arts & Humanities

Program: Fine Art - Band

The Arts and Humanities plan in Fine Arts with a focus on Band will develop advanced musical skills through performance, theory, and ensemble collaboration. Students learn to read and interpret music, refine instrumental techniques, and explore various styles and genres of band literature. Participation in marching band, concert band, and small ensembles builds discipline, teamwork, and leadership skills. Through rehearsals, performances, and competitions, students gain confidence, creativity, and a deep appreciation for the role of music in culture and society.

Secondary Courses for High School Credit

- Band 1-4



Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Assist music teachers, local bands, or community ensembles with rehearsals, performances, and event coordination. • Student Conductor or Section Leader – Take on leadership roles within the band to develop conducting, communication, and mentoring skills.
Expanded Learning Opportunities	• Summer Music Camps or workshops • Honors bands and competitions • Community or youth ensembles • Student leadership conferences

Students can also participate in Jazz Band and Marching Band



Successful completion of the Band program of study will fulfill requirements of the Arts & Humanities endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Music Education Apprentice
- Sound or Audio Tech Apprentice

Associate Degrees
- Fine Arts
- Music Business
- Music Education foundations

Bachelor's Degrees
- Music in Performance
- Music Education
- Audio Engineering or Music Production

Master's, Doctoral, and Professional Degrees
- Masters of Music
- Masters in Music Education

Additional Stackable IBCs/License
- Instrument Repair Certification
- Music Therapy Certificate

Example Aligned Occupations

Sound Engineering Technician
Median Wage: $46,088
Annual Openings: 84
10-Year Growth: 10%

Music Director
Median Wage: $82,342
Annual Openings: 196
10-Year Growth: 10%

Instrument Repair
Median Wage: $47,057
Annual Openings: 39
10-Year Growth: 8%

Data Source: My Texas Future accessed: 11/11/2025

For more information visit:
https://www.mytexasfuture.org/career-explorer

Fine Arts - Band

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Arts & Humanities - Fine Arts – Band

Band I → Band II → Band III → Band IV

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Band I	**Band I**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Band II	**Band II**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Band III	**Band III**
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Band IV	**Band IV**
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Arts & Humanities - Fine Arts – Band
Collegiate Academy Track

Band I → Band II → Band III → Band IV

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Band I	**Band I**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Band II	**Band II**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Band III	**Band III**
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
Band IV	**Band IV**
~~Elective~~	GOVT 2305 / ECON 2301
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Arts & Humanities

Program: Fine Art - Choir

The Arts and Humanities plan in Fine Arts with a focus on Choir will develop strong vocal, musical, and collaborative skills through individual and ensemble performance. Students learn music theory, sight-reading, vocal techniques, and stage presence while exploring various musical genres and cultural traditions. Participation in choir builds confidence, discipline, and teamwork, as students prepare for concerts, competitions, and community performances. Through rehearsal and performance, they also gain leadership and communication skills that support success in both artistic and academic pursuits.

Secondary Courses for High School Credit

- Choir 1-4



Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Volunteer or work with local music festivals or contests to gain experience in arts event management. • Participate in school, community, and professional choir performances to gain real-world stage experience.
Expanded Learning Opportunities	• All-Region, All-State, and Honors Choirs • Summer vocal camps and workshops • Private voice lessons • Choir Festivals and competitions

Students can also participate in Show Choir



Successful completion of the Choir program of study will fulfill requirements of the Arts & Humanities endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Vocal Coaching
- Studio Apprentice

Associate Degrees
- Music (Vocal Concentration)
- Performing Arts
- Music Business

Bachelor's Degrees
- Music in Vocal Performance
- Musical Theatre
- Music Education

Master's, Doctoral, and Professional Degrees
- Music in Performance or conducting
- Masters in Music Education

Additional Stackable IBCs/License
- Voice Pedagogy Certificate
- Choral Conducting

Example Aligned Occupations

Music Therapist

Median Wage: $68,765
Annual Openings: N/A
10-Year Growth: N/A

Music Agents

Median Wage: $71,304
Annual Openings: 50
10-Year Growth: 14%

Singer

Median Wage: $38/hr
Annual Openings: 522
10-Year Growth: 5%

Data Source: My Texas Future accessed: 11/11/2025

For more information visit:
https://www.mytexasfuture.org/career-explorer

Fine Arts - Choir

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Arts & Humanities - Fine Arts – Choir

Choir I → Choir II → Choir III → Choir IV

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Choir I	**Choir I**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Choir II	**Choir II**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Choir III	**Choir III**
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Choir IV	**Choir IV**
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Arts & Humanities - Fine Arts – Choir

Collegiate Academy Track

Choir I → Choir II → Choir III → Choir IV

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Choir I	**Choir I**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Choir II	**Choir II**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course**	ARTS 1301
Summer Course**	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Choir III	**Choir III**
Elective	
Elective	
Summer Course**	GOVT 2305
Summer Course**	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
Choir IV	**Choir IV**
~~Elective~~	GOVT 2305 / ECON 2301
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.

**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Arts & Humanities

Program: Fine Art - Dance

the Arts and Humanities plan in Fine Arts with a focus on Dance will develop technical skill, artistic expression, and physical discipline through a variety of dance styles such as ballet, jazz, modern, contemporary, hip-hop, and cultural dance forms. Students learn choreography, performance techniques, anatomy for dancers, and the history of dance as an art form. Participation in performances, competitions, and collaborative projects helps students cultivate creativity, teamwork, and confidence. Through this pathway, students gain the foundation for further study or careers in performance, choreography, dance education, or arts management.

Secondary Courses for High School Credit

- Dance 1-4



Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Work with wellness or performing arts centers to explore connections between dance, fitness, and health. • Teach or perform for youth programs, senior centers, or community festivals.
Expanded Learning Opportunities	• Summer Dance Camps • Cultural Dance Experiences • Dance Conventions and Competitions • Dance Company or Ensemble Membership

Students can also participate in Claw Crew or the Step Team



Successful completion of the Dance program of study will fulfill requirements of the Arts & Humanities endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Choreography Assistant
- Fitness instructor Apprentice

Associate Degrees
- Dance
- Performing Arts (Dance Concentration)
- Fitness or Kinesiology (Dance emphasis)

Bachelor's Degrees
- Bachelors in Dance
- Kinesiology (Dance Focus)
- Arts Management

Master's, Doctoral, and Professional Degrees
- Movement Therapy or Somatic Studies
- Dance Education

Additional Stackable IBCs/License
- Dance Teacher or Studio Owner Cert
- Choreography and Performance Cert

Example Aligned Occupations

Choreographers

Median Wage: $41,381
Annual Openings: 237
10-Year Growth: 20%

Fitness Instructor

Median Wage: $38,847
Annual Openings: 1250
10-Year Growth: 25%

Entertainment Manager

Median Wage: $72,687
Annual Openings: 305
10-Year Growth: 20%

Data Source: My Texas Future accessed: 11/11/2025

For more information visit:
https://www.mytexasfuture.org/career-explorer

Fine Arts - Dance

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Arts & Humanities - Fine Arts – Dance

Dance I → Dance II → Dance III → Dance IV

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Dance I	**Dance I**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Dance II	**Dance II**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Dance III	**Dance III**
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Dance IV	**Dance IV**
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Arts & Humanities - Fine Arts – Dance
Collegiate Academy Track

Dance I → Dance II → Dance III → Dance IV

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Dance I	**Dance I**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Dance II	**Dance II**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Dance III	**Dance III**
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
Dance IV	**Dance IV**
~~Elective~~	GOVT 2305 / ECON 2301
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Arts & Humanities

Program: Fine Art - Theatre

The Arts and Humanities plan in Fine Arts with a focus on Theatre will develop creative, performance, and communication skills through acting, script analysis, and stage production. Students learn to interpret dramatic literature, build character, and convey emotion through movement and voice. Participation in school and community productions fosters teamwork, self-discipline, and confidence. Through rehearsal and performance, students gain a deeper understanding of storytelling, culture, and collaboration in the performing arts.

Secondary Courses for High School Credit

- Theatre Arts 1-4 or
- Tech Theatre 1-4





Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Work alongside theatre teachers or directors during rehearsals and performances. • Student Director or Stage Manager – Gain leadership experience by organizing cast rehearsals and coordinating stage cues.
Expanded Learning Opportunities	• Theatre Competitions and Festivals • Summer Camps • Improv and Playwriting Workshops • Thespian Honors Society

Students can also participate in Production Theatre



Successful completion of the Theatre program of study will fulfill requirements of the Arts & Humanities endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Stage Management Apprentice
- Talent Agency Apprentice

Associate Degrees
- Theatre Arts
- Performing arts
- Film or Media Production

Bachelor's Degrees
- Theatre Arts
- Theatre Education
- Musical Theatre

Master's, Doctoral, and Professional Degrees
- Master of Fine Arts in Acting/Directing/Playwriting
- Theatre Studies or Art Administration

Additional Stackable IBCs/License
- Acting and Voice Certifications
- Arts Admin or Nonprofit Leadership Certification

Example Aligned Occupations

Set and Exhibit Designers

Median Wage: $52,000
Annual Openings: 121
10-Year Growth: 16%

Director

Median Wage: $61,827
Annual Openings: 791
10-Year Growth: 9%

Riggers

Median Wage: $49,879
Annual Openings: 472
10-Year Growth: 11%

Data Source: My Texas Future accessed: 11/11/2025

For more information visit:
https://www.mytexasfuture.org/career-explorer

Fine Arts - Theatre

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Arts & Humanities - Fine Arts – Theatre Arts

Theatre Arts I → Theatre Arts II → Theatre Arts III → Theatre Arts IV

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Theatre Arts I	**Theatre Arts I**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Theatre Arts II	**Theatre Arts II**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Theatre Arts III	**Theatre Arts III**
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Theatre Arts IV	**Theatre Arts IV**
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Arts & Humanities - Fine Arts – Theatre Arts
Collegiate Academy Track

Theatre Arts I → Theatre Arts II → Theatre Arts III → Theatre Arts IV

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Theatre Arts I	**Theatre Arts I**
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Theatre Arts II	**Theatre Arts II**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Theatre Arts III	**Theatre Arts III**
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / AMTH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
Theatre Arts IV	**Theatre Arts IV**
~~Elective~~	GOVT 2305 / ECON 2301
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Arts & Humanities

Program: LOTE - Spanish

the Arts and Humanities plan in Languages Other Than English (Spanish) will develop proficiency in speaking, reading, writing, and understanding the Spanish language while gaining deep insight into Hispanic cultures and traditions. Through interactive communication, literature, film, and cultural study, students build strong linguistic and intercultural skills that enhance global awareness and critical thinking. This pathway promotes empathy, collaboration, and cultural appreciation while preparing students for success in college, careers, and communities in an increasingly interconnected world.

Secondary Courses for High School Credit

- Spanish 1 & 2
- Spanish 3 Honors
- AP Spanish Language
- AP Spanish Literature



Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Volunteer with organizations serving Spanish-speaking populations. • Create bilingual newsletters, podcasts, or videos for school or local organizations.
Expanded Learning Opportunities	• Spanish Clubs or Honor Societies • Study Abroad programs • Language Immersion Camps • Cultural Projects



Successful completion of the LOTE program of study will fulfill requirements of the Arts & Humanities endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Translation Apprentice
- Hospitality and Tourism Apprentice

Associate Degrees
- Spanish or Foreign Language
- International Studies
- Translation and Interpretation

Bachelor's Degrees
- Linguistics
- International Business or Relations
- Translation and Interpretation Studies

Master's, Doctoral, and Professional Degrees
- Spanish or Hispanic Studies
- Bilingual Education or TESOL

Additional Stackable IBCs/License
- Seal of Biliteracy
- Bilingual Education Certification
- Professional Translator or Interpreter Certification

Example Aligned Occupations

Interpreters/Translators

Median Wage: $56,555
Annual Openings: 1449
10-Year Growth: 17%

LOTE Teachers

Median Wage: $79,286
Annual Openings: 120
10-Year Growth: 8%

Travel Agent

Median Wage: $46,735
Annual Openings: 450
10-Year Growth: 12%

Data Source: My Texas Future accessed: 11/11/2025

For more information visit:
https://www.mytexasfuture.org/career-explorer

LOTE - Spanish

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Arts & Humanities - Languages Other than English - Spanish

Spanish I → Spanish II → AP Spanish Language → AP Spanish Literature

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Spanish I	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Spanish II	
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
AP Span. Lang.*	
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
AP Span. Lit.*	
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Arts & Humanities - Languages Other than English – Spanish
Collegiate Academy Track

Spanish I → Spanish II → AP Spanish Language → AP Spanish Literature

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Spanish I	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Spanish II	
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / 1302
Spanish III*	
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
AP Span. Lang.*	
~~Elective~~	GOVT 2305 / ECON 2301
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Arts & Humanities

Program: Social Studies

the Arts and Humanities plan with a focus on Social Studies will develop a deep understanding of history, geography, government, economics, and human behavior. Students learn to think critically about global issues, analyze complex social systems, and understand how historical and cultural contexts shape the world today. Through research, discussion, and problem-solving, students strengthen communication, analytical, and leadership skills.

Secondary Courses for High School Credit

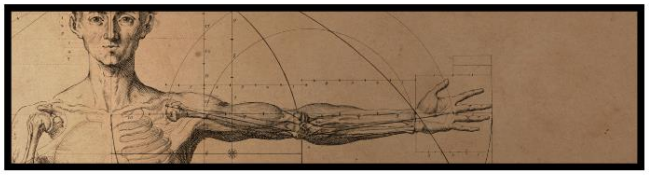
- World Geography
- Government & Economics
- Psychology & Sociology
- US History
- World History



AP	AP Human Geo, AP US History
Dual Credit	Dual Credit Social Studies options offered through Collin

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Internship with Local Government or Civic Organizations – Gain real-world experience in policy, public administration, or community planning.
Expanded Learning Opportunities	• History or Debate club participation • Student Council • UIL Competitions • Community History or Cultural projects



Successful completion of the Social Studies program of study will fulfill requirements of the Arts & Humanities endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Government worker apprentice
- Museum/Curator Assistant

Associate Degrees
- History
- Political Science
- Public Administration or Legal Studies

Bachelor's Degrees
- Economics
- Philosophy or Humanities
- Political Science

Master's, Doctoral, and Professional Degrees
- Master of Public Administration
- Juris Doctor

Additional Stackable IBCs/License
- Paralegal or Legal Assistant
- Public Administration

Example Aligned Occupations

Economists

Median Wage: $116,870
Annual Openings: 80
10-Year Growth: 17%

Judges

Median Wage: $103,646
Annual Openings: N/A
10-Year Growth: 2%

Archeologists

Median Wage: $60,509
Annual Openings: 55
10-Year Growth: 23%

Data Source: My Texas Future accessed: 11/11/2025

For more information visit:
https://www.mytexasfuture.org/career-explorer

Social Studies

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Arts & Humanities - Social Studies

World History → Psychology / Sociology

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Psych. / Socio.	
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Elective	
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math *	
Adv. Science*	
World History*	
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Arts & Humanities - Social Studies

Collegiate Academy Track

World History → Psychology / Sociology

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Psych. / Socio.	
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Elective	
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
~~World History*~~	GOVT 2305 / ECON 2301
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.

**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Agricultural Technology & Mechanical Systems

Program: Agricultural Mechanics

The Agricultural Technology and Mechanical Systems program of study focuses on occupational and educational opportunities associated with applying engineering technology and biological science to agricultural problems related to power and machinery, electrification, structures, soil and water use, and processing agricultural products. This program of study includes diagnosing, repairing, or overhauling farm machinery and vehicles, such as tractors, harvesters, dairy equipment, and irrigation systems.

Secondary Courses for High School Credit

First Year	Principles of Agriculture
Second Year	Ag Mechanics
Third Year	Ag Structures & Design
Fourth Year	Ag Practicum





Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Participate in a farm mechanic apprenticeship at an equipment production company • Intern at an equipment manufacturing facility working with agricultural engineers
Expanded Learning Opportunities	• Participate in an FFA career, leadership, and speaking contest like an agriscience fair • Participate in anagriculture robotics event

Aligned Industry-Based Certifications

- American Welding Society Certs

American Welding Society

Successful completion of the Agricultural Technology and Mechanical Systems program of study will fulfill requirements of the Business and Industry endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Farm Equipment Mechanic I

Associate Degrees
- Diesel Mechanics Technology
- Industrial Mechanics and Maintenance Technology

Bachelor's Degrees
- Agricultural Engineering
- Agricultural Systems Management

Master's, Doctoral, and Professional Degrees
- Agricultural Engineering
- Industrial Technology

Additional Stackable IBCs/License
- Diesel Equipment Technology-Off Highway
- Specialization CER1
- Accredited Farm Manager

Example Aligned Occupations

Farm Equipment Mechanics and Service Technicians
Median Wage: $46,582
Annual Openings: 326
10-Year Growth: 23%

Mobile Heavy Equipment Mechanics
Median Wage: $57,943
Annual Openings: 2,637
10-Year Growth: 31%

Farmers, Ranchers, and Other Agricultural Managers
Median Wage: $65,490
Annual Openings: 28,020
10-Year Growth: 4%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources

Agricultural Mechanics

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

Business & Industry - Ag – Agricultural Mechanics

Principles of Agriculture → Ag Mechanics → Ag Structures& Design → Ag Practicum

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Prin. of Ag	**Prin. of Ag**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Ag Mechanics	**Ag Mechanics**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Ag Struct & Design	**Ag Struct & Design**
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Ag Practicum	**Ag Practicum**
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

Business & Industry - Ag – Agricultural Mechanics
Collegiate Academy Track

Principles of Agriculture → Ag Mechanics → Ag Structures& Design → Ag Practicum

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Prin. of Ag	**Prin. of Ag**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Ag Mechanics	**Ag Mechanics**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Ag Struct & Design	**Ag Struct & Design**
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
Ag Practicum	**Ag Practicum**
~~Elective~~	GOVT 2305 / ECON 2301
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Agriculture, Food, & Natural Resources

Program: Animal Sciences

The Animal Science program of study focuses on occupational and educational opportunities associated with the science, research, and business of animals and other living organisms. This program of study includes applying biology and life science to real-world life processes of animals and wildlife, either in laboratories or in the field, which could include a veterinary office, a farm or ranch, or any outdoor area harboring animal life. Students will research and analyze the growth and destruction of species and research or diagnose diseases and injuries of animals.

Secondary Courses for High School Credit

First Year	Principles of Agriculture Entrepreneurship*
Second Year	Livestock Production
Third Year	Veterinary Science
Fourth Year	Advance Animal Science Practicum of AFNR





Aligned Advanced Academic Courses

AP	AP Biology 2

Students should be advised to consider these course opportunities to enrich their preparation. AP courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Shadow an animal scientist ina biology lab to learnabout applying science to understand animals and wildlife • Intern in a veterinary clinic, caring for animals and wildlife being treated in the clinic
Expanded Learning Opportunities	• Participate in an FFA career, leadership, and speaking contest like an agriscience fair • Attend an agricultural industry seminar

Aligned Industry-Based Certifications

- Fundamentals of Animal Science
  Vet Med Application Cert

Successful completion of the Animal Science program of study will fulfill requirements of a Business and Industry endorsement.





Example Postsecondary Opportunities

Apprenticeships
- Reproduction Technician

Associate Degrees
- Biological and Physical Sciences
- Entomology

Bachelor's Degrees
- Animal Science
- Zoology/Animal Biology

Master's, Doctoral, and Professional Degrees
- Marine Sciences
- Biotechnology

Additional Stackable IBCs/License
- Veterinarian
- Certified Veterinary Technician

Example Aligned Occupations

Veterinary Assistants and Laboratory Animal Caretakers
Median Wage: $29,906
Annual Openings: 1,348
10-Year Growth: 24%

Veterinary Technologists andTechnicians
Median Wage: $33,679
Annual Openings: 1,217
10-Year Growth: 24%

Veterinarian
Median Wage: $103,160
Annual Openings: 347
10-Year Growth: 26%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources

Animal Science

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

Business & Industry - Ag – Animal Science

Principles of Agriculture → Livestock Production → Vet Science → Adv. Animal Science

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Prin. of Ag	**Prin. of Ag**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Livestock Prod.	**Livestock Prod.**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Vet Science	**Vet Science**
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Anim. Sci.	**Adv. Anim. Sci.**
Elective	
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry - Ag – Animal Science
Collegiate Academy Track

Principles of Agriculture → Livestock Production → Vet Science → Adv. Animal Science

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Prin. of Ag	**Prin. of Ag**

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Livestock Prod.	**Livestock Prod.**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	PHYSICS
~~U.S. History*~~	HIST 1301 / HIST 1302
Vet Science	**Vet Science**
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
Adv. Anim. Sci.	**Adv. Anim. Sci.**
~~Elective~~	ENVR 1401 / ENVR 1402
~~Elective~~	GOVT 2305 / ECON 2301
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Agriculture, Food, & Natural Resources

Program: Plant Sciences

The Plant Science program of study focuses on occupational and educational opportunities associated with the science, research, and business of plants and other living organisms. This program of study includes the application of biology and life science to real-world life processes of plants and vegetation, either in laboratories or in the field.

Secondary Courses for High School Credit

First Year	Principles of Agriculture Entrepreneurship*
Second Year	Floral Design
Third Year	Adv. Floral Design
Fourth Year	Adv Plant and Soil Science Practicum of AFNR



Aligned Advanced Academic Courses

AP	AP Biology 2
Dual Credit	Environmental Science

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Work in a part-time job at a landscaping company to learn about production and management of plants. • Intern at an agricultural research company, working alongside a biological technician to learn about application of biology to plant production
Expanded Learning Opportunities	• Participate in an FFA career, leadership, and speaking contest like an agriscience fair • Participate in an industry-related competition like an agriscience fair

Aligned Industry-Based Certifications

- Principles of Floral Design Certification

Successful completion of the Plant Science program of study will fulfill requirements of the Business and Industry endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Horticulturist

Associate Degrees
- Biology/Biological Sciences
- Biological and Physical Sciences

Bachelor's Degrees
- Horticulture
- Plant Pathology/Phytopathology

Master's, Doctoral, and Professional Degrees
- Plant Breeding
- Botany/Plant Biology

Additionall Stackable IBCs/License
- Nursery Floral License
- Horticulturist Certification

Example Aligned Occupations

Pesticide Handlers, Sprayers, andApplicators,Vegetation
Median Wage: $46,153
Annual Openings: 205
10-Year Growth: 17%

BiologicalTechnicians
Median Wage: $45,787
Annual Openings: 879
10-Year Growth: 14%

Farmers, Ranchers, and OtherAgricultural Managers
Median Wage: $65,490
Annual Openings: 28,020
10-Year Growth: 4%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources

Plant Science

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry - Ag – Plant Science

Principles of Agriculture → Floral Design → Adv. Floral Design → Adv. Plant & Soil Science

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Prin. of Ag	**Prin. of Ag**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Floral Design	**Floral Design**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Adv. Floral Design	**Adv. Floral Design**
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Plant & Soil Sci.	**Adv. Plant & Soil Sci.**
Elective	
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry - Ag – Plant Science

Collegiate Academy Track

Principles of Agriculture → Floral Design → Adv. Floral Design → Adv. Platn & Soil Science

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Prin. of Ag	**Prin. of Ag**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Floral Design	**Floral Design**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Adv. Floral Design	**Adv. Floral Design**
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
Adv. Plant & Soil Sci.	**Adv. Plant & Soil Sci.**
~~Elective~~	ENVR 1401 / ENVR 1402
~~Elective~~	GOVT 2305 / ECON 2301
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.

**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Arts, Audio Visual Technology, & Communications

Program: Audio/Video Production

(digital communication)

The Digital Communications program of study focuses on occupational and educational opportunities associated with the production of audio and visual media formats for various purposes, such as TV broadcasts, advertising, video production, or motion pictures. The program of study includes operating machines and equipment such as microphones, sound speakers, video screens, projectors, video monitors, sound and mixing boards, and related electronic equipment to record sound and images.

Secondary Courses for High School Credit

First Year	Professional Communications Entrepreneurship*
Second Year	A/V Production 1 A/V Production 2
Third Year	Practicum in A/V



Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Shadow a sound designer to learn how sound and foley are created for movies or podcasts • Intern with a technical director at a sports team, recording studio, or radio station • Shadow a technician on a live news broadcast, concert, or other event
Expanded Learning Opportunities	• Participate in SkillsUSA or TSA • Participate in Student Television Network • Capture and edit film and audio for a podcast with a local community organization

Aligned Industry-Based Certifications

- Adobe Digital Experience Certification Program

Successful completion of the Digital Communications program of study will fulfill requirements of the Business and Industry endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Light Technician

Associate Degrees
- Commercial and Advertising Art
- Animation, Interactive Technology, Video Graphics, and Special Effects

Bachelor's Degrees
- Cinematography and Film/Video Production
- Recording Arts Technology

Master's, Doctoral, and Professional Degrees
- Animation, Interactive Technology, Video Graphics, and Special Effects
- Communications Technology

Additional Stackable IBCs/License
- CompTIA Digital Media and Entertainment Professional Certification (DMEP)

Example Aligned Occupations

Camera Operators, Television, Video, and Film
Median Wage: $48,422
Annual Openings: 155
10-Year Growth: 20%

Audio and Video Technicians
Median Wage: $46,319
Annual Openings: 626
10-Year Growth: 30%

Producers and Directors
Median Wage: $65,029
Annual Openings: 522
10-Year Growth: 12%

Data Source: TexasWages,TexasWorkforceCommission. Retrieved 3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources

Digital Communications

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

Business & Industry - Audio / Video Production

Audio/Video Production I → Audio / Video Production II → Audio / Video Practicum

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Elective	
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
A/V Productions I	**A/V Productions I**
A/V Productions II	**A/V Productions II**
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Practicum in A/V Productions	**Practicum in A/V**
	Practicum in A/V
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

_____ Parent Signature

_____ Student Signature

_____ Counselor Signature

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry - Audio / Video Production

Collegiate Academy Track

Audio/Video Production I → Audio / Video Production II → Audio / Video Practicum

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Elective	
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	PHYSICS
~~U.S. History*~~	HIST 1301 / HIST 1302
A/V Productions I	**A/V Productions I**
A/V Productions II	**A/V Productions II**
Elective	
Summer Course*	GOVT 2305
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1324
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
Practicum in A/V Productions	**Practicum in A/V**
	Practicum in A/V
~~Elective~~	GOVT 2305 / ECON 2301
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.

**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Transportation, Distribution, and Logistics

Program: Automotive Technology

The Automotive Technology program introduces students to foundational vehicle systems, maintenance, safety, tools, and diagnostics before progressing into hands-on training with repairs, simulations, and real vehicles. Advanced coursework prepares students for ASE certifications by focusing on braking, electrical, suspension, steering, and engine systems to build career-ready skills in automotive repair and diagnostics.

Secondary Courses for High School Credit

First Year	Automotive Basics Entrepreneurship*
Second Year	Automotive Technology 1
Third Year	Advanced Automotive Technology



Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Shadow an automotive technician at a car dealership • Intern at a rental car company and assist technicians with vehicle maintenance • Work at a local automotive repair shop and hold both customer service duties and automatic repair duties
Expanded Learning Opportunities	• Join a related automotive association and attend events • Participate in SkillsUSA

Aligned Industry-Based Certifications

- ASE Service Technician

Entry-Level Certification Program
FORMERLY ASE STUDENT CERTIFICATION

Successful completion of the Automotive Technology program of study will fulfill requirements of the Business and Industry endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Automotive Technician Apprenticeship

Associate Degrees
- Automobile/Automotive Mechanics Technology
- Autobody/Collision and Repair Technology

Bachelor's Degrees
- Autobody/Collision and Repair Technology
- Heavy Equipment Maintenance Technology

Additional Stackable IBCs/License
- Automobile and Light Truck Certification (A1 – A9)

Example Aligned Occupations

Automotive Service Technicians and Mechanics
Median Wage: $44,809
Annual Openings: 6,285
10-Year Growth: 10%

Bus and Truck Mechanics and Diesel Engine Specialists
MedianWage:$50,967
Annual Openings: 3,096
10-Year Growth: 19%

First-Line Supervisors of Mechanics, Installers, and Repairers
Median Wage: $66,535
Annual Openings: 5,019
10-YearGrowth:19%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources

Automotive Technology

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry - Auto Technician

Auto Basics → Auto Tech I → Auto Tech II

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Auto Basics	**Auto Basics**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Auto Tech I	**Auto Tech I**
	Auto Tech I
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Auto Tech II	**Auto Tech II**
	Auto Tech II
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry - Auto Technician

Collegiate Academy Track

Auto Basics → Auto Tech I → Auto Tech II

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Electives	
Electives	
Electives	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	Hist 2311 / HIST 2312
Auto Basics	**Auto Basics**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
Chemistry*	
~~U.S. History*~~	HIST 1301 / HIST 1302
Auto Tech I	**Auto Tech I**
	Auto Tech I
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
Auto Tech II	**Auto Tech II**
	Auto Tech II
~~Elective~~	GOVT 2305 / ECON 2301
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.

**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Business, Marketing, and Finance

Program: Business Management

The Business Management program of study focuses on occupational and educational opportunities associated with planning, directing, and coordinating the administrative services and operations of an organization. It includes formulating policies, managing daily operations, and allocating the use of materials and human resources. This program of study also introduces students to mathematical modeling tools and organizational evaluation methods.

Secondary Courses for High School Credit

First Year	Business Information Management
Second Year	Entrepreneurship
Third Year	Team Building Principles of Management
Fourth Year	Business Ethics/Prob Solve & Dec Making Leadership/Organizational Behavior



Aligned Advanced Academic Courses

Dual Credit	Third and Fourth Year courses are through Collin College

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Intern at local business in the HR department • Shadow the COO of a local business or chamber of commerce
Expanded Learning Opportunities	• Participate in BPA,DECA, FBLA, Young Billionaires Club, or related UIL events • Explore student membership in related professional organizations

Aligned Industry-Based Certifications

- TBD by district

Successful completion of the Business Management program of study will fulfill requirements of the Business and Industry endorsement.



Example Postsecondary Opportunities

Associate Degrees
- Business Administration and Management
- Human Resources Management

Bachelor's Degrees
- Business Analytics
- Accounting and Business

Master's, Doctoral, and Professional Degrees
- Business Administration and Management
- Organizational Leadership

Additional Stackable IBCs/License
- Professional Certificate in Team Leadership
- Property Tax Professionals

Example Aligned Occupations

First-Line Supervisors of Office and Administrative Support Workers
Median Wage: $61,735
Annual Openings: 18,874
10-Year Growth: 9%

Human Resources Specialists
Median Wage: $62,049
Annual Openings: 8,652
10-Year Growth: 23%

General and Operations Managers
Median Wage: $96,046
Annual Openings: 44,419
10-Year Growth: 23%

Data Source: TexasWages,TexasWorkforceCommission. Retrieved 3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/bmf-business-management-extended.pdf

Business Management

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry – Business Management

BIM → Entrep. → Team Building / Prin. of Mgmt → Bus. Ethics / Org. Behavior → Prob. Solv & Decision Making / Leadership

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
BIM	**BIM**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Entrepreneurship	**Entrepreneurship**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Team Build / Prin. of Mgmt+	**Team Build / Prin. of Mgmt+**
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Bus. Ethics / Org. Behavior+	**Bus. Ethics / Org. Behavior+**
Prob. Solv. / Leadership+	**Prob. Solv. / Leadership+**
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.
+ - Course(s) will be a dual credit course offered online with Collin College.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry – Business Management

Collegiate Academy Track

BIM → Entrep. → Team Building / Prin. of Mgmt → Bus. Ethics / Org. Behavior → Prob. Solv & Decision Making / Leadership

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
BIM	**BIM**
Electives	
Electives	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	Hist 2311 / HIST 2312
Entrepreneurship	**Entrepreneurship**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
Chemistry*	
~~U.S. History*~~	HIST 1301 / HIST 1302
Team Build / Prin. of Mgmt+	**Team Build / Prin. of Mgmt+**
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
Bus. Ethics / Org. Behavior+	**Bus. Ethics / Org. Behavior+**
Prob. Solv. / Leadership+	**Prob. Solv. / Leadership+**
~~Elective~~	GOVT 2305 / ECON 2301
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.
+ - Course(s) will be a dual credit course offered online with Collin College.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Arts, Audio Visual Technology, & Communications

Program: Commercial Photography

The Graphic Design and Interactive Media program of study focuses on occupational and educational opportunities associated with designing or creating graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos. The program of study includes designing clothing and accessories and creating special effects, animation, or other visual images using film, video, computers, or other electronic tools and media for use in computer games, movies, music videos, and commercials

Secondary Courses for High School Credit

First Year	Digital Art/Animation Graphic Design
Second Year	Commercial Photography 1 Entrepreneurship*
Third Year	Commercial Photography 2
Fourth Year	Practicum in Comm Photo



Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Shadow an art director at a branding firm or design agency • Intern in the marketing and communications department of a technology company
Expanded Learning Opportunities	• Participate in SkillsUSA or TSA • Participate in Student Television Network • Join a related co-curricular or extracurricular club such as web development or computer coding

Aligned Industry-Based Certifications

- Adobe Digital Experience Certification Program

PROFESSIONAL

Successful completion of the Graphic Design and Interactive Media program of study will fulfill requirements of the Business and Industry endorsement.



Example Postsecondary Opportunities

Associate Degrees
- Graphic Design
- Digital Arts

Bachelor's Degrees
- Web Page, Digital/Multimedia and Information Resource Design
- Design and Visual Communications

Master's, Doctoral, and Professional Degrees
- Game and Interactive Media Design
- Animation, Interactive Technology, Video Graphics, and Special Effects

Additional Stackable IBCs/License
- Certified Textile Designer (CTD)

Example Aligned Occupations

Software Developers
Median Wage:$111,705
Annual Openings: 15,324
10-Year Growth: 36%

Graphic Designers
Median Wage:$50,973
Annual Openings: 1,766
10-Year Growth: 10%

Art Directors
Median Wage:$81,926
Annual Openings: 619
10-Year Growth: 18%

Data Source: TexasWages,TexasWorkforceCommission. Retrieved 3/8/2024

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources

Commercial Photography

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry - Commercial Photography

Graphic Arts & Animation → Commercial Photography I → Commercial Photography II → Practicum in Commerical Photography

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Graph. Arts & Anim.	**Graph. Arts & Anim.**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Comm. Photo I	**Comm. Photo I**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Comm. Photo I	**Comm. Photo II**
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Pract. Comm. Photo	**Pract. Comm. Photo**
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry - Commercial Photography

Collegiate Academy Track

Graphic Design → Graphic Arts & Animation → Commercial Photography I → Commercial Photography II

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Graph. Arts & Anim.	**Graph. Arts & Anim.**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Comm. Photo I	**Comm. Photo I**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Comm. Photo II	**Comm. Photo II**
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
Pract. Comm. Photo	**Pract. Comm. Photo**
~~Elective~~	GOVT 2305 / ECON 2301
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Technology

Program: Computer Tech

The Information Technology Support and Services program of study focuses on occupational and educational opportunities associated with administering, testing, and implementing computer databases and applying knowledge of database management systems. This program of study includes analyzing user requirements, automating or improving existing systems, and reviewing computer system capabilities. It also includes research, design, and testing of computer or computer-related equipment for commercial, industrial, military, or scientific use.

Secondary Courses for High School Credit

First Year	Principles of IT Entrepreneurship*
Second Year	Computer Maintenance
Third Year	Computer Tech Practicum



Aligned Advanced Academic Courses

AP	AP Computer Science
Dual Credit	Business Principles

Students should be advised to consider these course opportunities to enrich their preparation. AP courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

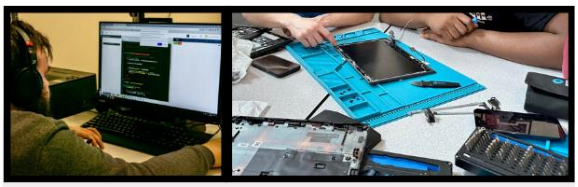
Work-Based Learning and Expanded Learning Opportunities

Work-Based LearningActivities	• Intern at a local IT company to develop skills in computer system maintenance and setting up computer equipment • Shadow a database administrator or computer software or hardware engineer to learn about their day-to-day responsibilities
ExpandedLearning Opportunities	• Participate in SkillsUSA or TSA • Subscribe to industry journals

Aligned Industry-Based Certifications

- TBD by District

Successful completion of the Information Technology Support and Services program of study will fulfill requirements of the Business and Industry endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Coding Apprenticeship

Associate Degrees
- Computer Science
- Network and System Administration

Bachelor's Degrees
- Computer and Information Systems
- Security/Auditing/Information Assurance
- Computer Engineering

Master's, Doctoral, and Professional Degrees
- Information Science/Studies
- Electrical and Electronics Engineering

Example Aligned Occupations

Computer User Support Specialists
Median Wage: $51,411
Annual Openings: 5,757
10-Year Growth: 21%

Computer Network Support Specialists
Median Wage: $65,646
Annual Openings: 1,634
10-Year Growth: 19%

Computer Hardware Engineers
MedianWage:$119,662
Annual Openings: 377
10-Year Growth: 14%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-pre p/ ca re e r-a nd-te chnica l-e duca tion/ prog ra m s -of-s tu dy - additional-resources

Computer Tech

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

Business & Industry - Computer Tech - IT Support

Prin. of IT → Computer Maintenance → Computer Tech

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Prin. of IT	**Prin. of IT**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Comp. Maintenance	**Comp. Maintenance**
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Comp. Tech	**Comp. Tech**
	Comp. Tech
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

Business & Industry - Computer Tech - IT Support
Collegiate Academy Track

Prin. of IT → Computer Maintenance → Computer Tech

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 23/12
Prin. of IT	**Prin. of IT**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English~~ III*	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry~~*	Physics
~~U.S. History~~*	HIST 1301 / HIST 1302
Comp. Maint.	**Comp. Maint.**
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
Comp. Tech	**Comp. Tech**
	Comp. Tech
~~Elective~~	GOVT 2305 / ECON 2301
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Architecture & Construction

Program: Construction Management

The Construction Management and Inspection program of study focuses on occupational and educational opportunities associated with producing cost estimates for construction projects to support bidding on or determining the price of products or services. The program of study includes inspecting structures using engineering skills to determine structural soundness and compliance with specifications, building codes, and other regulations.

Secondary Courses for High School Credit

First Year	Principles of Construction
Second Year	Construction Management
Third Year	Adv Construction Management





Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Shadow a construction manager to learn how to lead a team and develop a budget • Participate in a pre-apprenticeship to clean and prepare construction sites by digging trenches and setting up scaffolding
Expanded Learning Opportunities	• Shadow a building inspector or cost estimator • Participate in SkillsUSA

Aligned Industry-Based Certifications

- NCCER Core

NCCER
National Center for Construction Education and Research

Successful completion of the Construction Management and Inspection program of study will fulfill requirements of the Business and Industry endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Building Inspector

Associate Degrees
- Construction Management
- Construction Engineering Technology
- Building/Property Maintenance
- Building/Construction Site Management

Bachelor's Degrees
- Construction Engineering Technology
- Construction Management
- Building/Property Maintenance

Master's, Doctoral, and Professional Degrees
- Construction Engineering Technology
- Construction Engineering
- Construction Management
- Project Management

Example Aligned Occupations

Construction and Building Inspectors
Median Wage: $62,251
Annual Openings: 1,585
10-Year Growth: 9%

First-Line Supervisors of Construction Trades and Extraction Workers
Median Wage: $64,473
Annual Openings: 9,513
10-Year Growth: 23%

Construction Managers
Median Wage: $95,072
Annual Openings: 6,325 10-Year Growth: 24%

Data Source: TexasWages,TexasWorkforceCommission. Retrieved 3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources

Construction Management

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

Business & Industry - Construction

Prin. of Construction → Construction I → Construction II

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Prin. of Constr.	**Prin. of Construction**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Construction I	**Construction I**
	Construction I
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Construction II	**Construction II**
	Construction II
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

Business & Industry - Construction
Collegiate Academy Track

Prin. of Construction → Construction I → Construction II

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Prin. of Construction	**Prin. of Construction**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Construction I	**Construction I**
	Construction I
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
Construction II	**Construction II**
	Construction II
~~Elective~~	GOVT 2305 / ECON 2301
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Hospitality & Tourism

Program: Culinary Arts

The Culinary Arts program of study focuses on occupational and educational opportunities associated with the planning, directing, or coordinating activities of a food and beverage organization or department. This program of study includes opportunities involved in directing and participating in the preparation of food.

Secondary Courses for High School Credit

First Year	Intro to Culinary Entrepreneurship*
Second Year	Culinary I
Third Year	Culinary 2 or Practicum of Culinary



Aligned Advanced Academic Courses

AP	AP Chemistry

Students should be advised to consider these course opportunities to enrich their preparation. AP courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Shadow a director of a non-profit that produces and delivers food for communities in need • Intern at a catering company and learn about food production for large-scale events • Work part-time in a restaurant as a line cook or chef
Expanded Learning Opportuni ti e s	• Participate in FCCLA • Participate in SkillsUSA • Participate in American Culinary Association or the Texas Restaurant Association

Aligned Industry-Based Certifications

- ServSafe Manager
- ServSafe Food Handler

Successful completion of the Culinary Arts program of study will fulfill requirements of the Business and Industry endorsement.



Example Postsecondary Opportunities

Associate Degrees
- Culinary Arts
- Baking and Pastry Arts

Bachelor's Degrees
- Hotel/Motel Administration/Management
- Culinary Science

Master's, Doctoral, and Professional Degrees
- Organizational Leadership
- Foodservice Systems Administration/Management

Additional Stackable IBCs/License
- Food Manager License

Example Aligned Occupations

Bakers
Median Wage: $29,466
Annual Openings: 2,942
10-Year Growth: 26%

Chefs and Head Cooks
Median Wage: $44,761
Annual Openings:950
10-Year Growth: 37%

General and Operations Managers
Median Wage: $83,220
Annual Openings: 25,450
10-Year Growth: 23%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/ ca reer-a nd-technica l-educa tion/ prog ra ms -of-stu dy - additional-resources

Culinary Arts

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry - Culinary Arts

Intro. to Culinary Arts → Culinary Arts I → Culinary Arts II

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Intro to Culinary	**Intro to Culinary**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Culinary I	**Culinary I**
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Adv. Culinary / Prac. of Culinary	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry - Culinary Arts
Collegiate Academy Track

Intro. to Culinary Arts → Culinary Arts I → Culinary Arts II

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Culinary I	**Culinary I**
Elective	
Elective	
Summer Course**	GOVT 2306
Summer Course**	PSYC 2301

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Elective	
Intro to Culinary	**Intro to Culinary**
Elective	EDUC 1300 / SPCH 1315
Summer Course**	ARTS 1301
Summer Course**	BUSI 1307

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
Adv. Culinary / Prac. of Culinary	
~~Elective~~	GOVT 2305 / ECON 2301
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Information Technology

Program: Cybersecurity/Networking

The Cybersecurity program of study focuses on occupational and educational opportunities associated with planning, implementing, upgrading, or monitoring security measures for the protection of computer networks and information. This program of study includes responding to computer security breaches and viruses and administering network security measures

Secondary Courses for High School Credit

First Year	Principles of IT
Second Year	Computer Science
Third Year	AP Computer Science
Fourth Year	Fund. of Computer Sci/Networking Found. of Cyber/Cybersecurity



Aligned Advanced Academic Courses

AP	AP Computer Science
Dual Credit	Senior yr courses are through Collin College

Students should be advised to consider these course opportunities to enrich their preparation. AP courses not listed under the Secondary Courses for High School Credit section of this framework document do not counttowardsconcentrator/completerstatusfor this program of study.

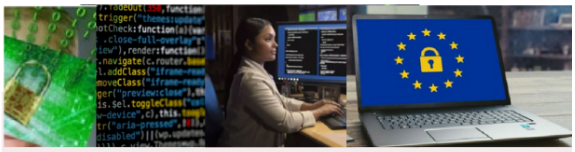
Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Intern at a local bank, hospital, or government office to develop skills in implementing security measures • Interview with an information security analyst to learn how they plan for, monitor, and upgrade security measures at their organization
Expanded Learning Opportunities	• Participate in a Hackathon • Participate in TSA or SkillsUSA

Aligned Industry-Based Certifications

- Collin College Level 1 - CISSP Information Systems Cybersecurity Professional

Successful completion of the Cybersecurity program of study will fulfill requirements of the STEM endorsement if the math and science requirements are met or the Business and Industry endorsement.



Examples Postsecondary Opportunities

Associate Degrees
- Computer and Information Systems Security
- Computer Programming

Bachelor's Degrees
- Computer Science
- Computer Software Engineering

Master's, Doctoral, and Professional Degrees
- Computer and Information Systems
- Security/Auditing/Information Assurance
- Computer Software Engineering

Additional Stackable IBCs/License
- Certified Ethical Hacker (CEH)

Example Aligned Occupations

Computer User Support Specialists
Median Wage: $51,411
Annual Openings: 5,757
10-Year Growth: 21%

Software Developers
Median Wage: $111,705
Annual Openings: 15,324
10-Year Growth: 36%

Information Security Analysts
Median Wage: $110,268
Annual Openings: 1,719
10-Year Growth: 49%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources

Cybersecurity/Networking

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

Business & Industry - Cybersecurity & Networking

Prin. of IT → Computer Science → Fund. of Comp Sci / Networking → Foundations of & Cybersecurity

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Prin. of IT	**Prin. of IT**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Computer Science*	**Computer Science***
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Fund. Comp Sci / Networking	**Fund. Comp Sci / Networking**
Found. Cyber/ Cybersecurity	**Found. Cyber/ Cybersecurity**
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry - Cybersecurity & Networking

Collegiate Academy Track

Prin. of IT → Computer Science → Fund. of Comp Sci / Networking → Foundations of & Cybersecurity

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Prin. of IT	**Prin. of IT**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Computer Science*	**Computer Science***
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
Fund. Comp Sci / Networking	**Fund. Comp Sci / Networking**
Found. Cyber/ Cybersecurity	**Found. Cyber/ Cybersecurity**
~~Elective~~	GOVT 2305 / ECON 2301
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Business and Industry

Program: Debate

The Debate Program of Study develops students' skills in communication, critical thinking, research, and persuasive speaking, all essential for success in business, law, public relations, and leadership roles. Through participation in classroom instruction, competitive debate, and public speaking activities, students learn to analyze complex issues, construct logical arguments, and present ideas effectively. Emphasizing professionalism, collaboration, and civic engagement, this program prepares students for postsecondary education and careers that demand confidence, clarity, and strategic communication.

Secondary Courses for High School Credit

- Debate 1-4



Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Job shadowing with attorneys, business leaders, or elected officials • Internships in law offices, marketing firms, or local government offices
Expanded Learning Opportunities	• Debate Team • Speech and Forensics Competitions (UIL, NSDA, or TFA) • Model United Nations or Youth in Government programs

Students can also participate in the competition Debate program



Successful completion of the Debate program of study will fulfill requirements of the Business & Industry endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Legal Assistant
- Political Campaign aide

Associate Degrees
- Communication Studies
- Political Science
- Marketing, PR, or Business Admin

Bachelor's Degrees
- Communication Studies
- Journalism, PR, or Media Studies
- Legal Studies

Master's, Doctoral, and Professional Degrees
- Public Administration
- Juris Doctor

Additional Stackable IBCs/License
- Professional Communication Certification
- Microsoft Office Specialist

Example Aligned Occupations

Lawyer
Median Wage: $144,997
Annual Openings: 2000
10-Year Growth: 22%

Paralegal
Median Wage: $58,736
Annual Openings: 4000
10-Year Growth: 19%

Public Relations Specialist
Median Wage: $60,715
Annual Openings: 4000
10-Year Growth: 16%

Data Source: My Texas Future accessed: 11/11/2025

For more information visit:
https://www.mytexasfuture.org/career-explorer

Fine Arts - Art

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry - Debate

Debate I → Debate II → Debate III → Debate IV

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Debate I	**Debate I**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Debate II	**Debate II**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Debate III	**Debate III**
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Debate IV	**Debate IV**
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry – Debate
Collegiate Academy Track

Debate I → Debate II → Debate III → Debate IV

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Debate I	**Debate I**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Elective	
Debate II	**Debate II**
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Debate III	**Debate III**
Elective	
Elective	
Summer Course*	GOVT 2305
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
Debate IV	**Debate IV**
~~Elective~~	GOVT 2305 / ECON 2301
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Business, Marketing, and Finance

Program: Entrepreneurship

The Entrepreneurship program of study focuses on occupational and educational opportunities associated with planning, launching, directing, and coordinating public or private sector ventures. This program of study includes formulating policies, launching businesses or organizations, managing daily operations, analyzing management structures, and planning for the use of materials and human resources.

Secondary Courses for High School Credit

First Year	Business Info Management
Second Year	Entrepreneurship*
Third Year	Entrepreneurship 2
Fourth Year	Practicum of Entrepreneurship





Aligned Advanced Academic Courses

Dual Credit	College Statistics, Business Principles

Students should be advised to consider these course opportunities to enrich their preparation. AP courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Intern at a local start-up or a business incubator • Participate in the development and launch of a school based enterprise
Expanded Learning Opportunities	• Job shadow an entrepreneur • Participate in BPA, DECA, FBLA, or related UIL events

Aligned Industry-Based Certifications

- Stukent Social Media Marketing Certification

SuccessfulcompletionoftheEntrepreneurshipprogramof study will fulfill requirements of the Business and Industry endorsement.



Example Postsecondary Opportunities

Associate Degrees
- Operations Management and Supervision
- Organizational Leadership

Bachelor's Degrees
- Business Administration and Management
- Public Administration

Master's, Doctoral, and Professional Degrees
- Business Administration and Management
- Public Administration

Additional Stackable IBCs/License
- Salesforce
- Service Contract Providers

Example Aligned Occupations

General and Operations Managers
MedianWage:$83,220
Annual Openings: 25,450
10-Year Growth: 23%

Management Analysts
Median Wage: $93,983
Annual Openings: 6,030
10-Year Growth: 25%

Chief Executives
Median Wage: $163,567
Annual Openings: 648
10-Year Growth: 3%

Data Source: TexasWages,TexasWorkforceCommission.Retrieved3/8/2024.

For more information visit:
https ://tea .tex a s .gov/a c a demi c s /c ol l ege-c a r eer - a nd-mi l i ta r y-pr ep/c a r eer -a nd-tec hni c a l-education/programs-of-study-additional-resources

Entrepreneurship

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry - Entrepreneurship

BIM → Entrep. I → Entrep. II → Practicum of Entrep.

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
BIM	**BIM**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Entrepreneurship I	**Entrepreneurship I**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Entrepreneurship II	**Entrepreneurship II**
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Practicum of Entrep.	**Practicum of Entrep.**
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry – Entrepreneurship
Collegiate Academy Track

BIM → Entrep. I → Entrep. II → Practicum of Entrep.

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
BIM	**BIM**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Entrepreneurship I	**Entrepreneurship I**
Elective	
~~Elective~~	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Entrepreneurship II	**Entrepreneurship II**
BIM	**BIM**
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
Practicum of Entrep.	**Practicum of Entrep.**
~~Elective~~	GOVT 2305 / ECON 2301
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Architecture & Construction

Program: Heating, Ventilation, & Air Conditioning - HVAC

The HVAC and Sheet Metal program of study focuses on occupational and educational opportunities associated with installing, servicing, or repairing heating and air conditioning systems. The program of study addresses fabrication, assembly, installation, and repair of sheet metal products and equipment, such as ducts, control boxes, drainpipes, and furnace casings.

Secondary Courses for High School Credit

First Year	Principles of Construction Entrepreneurship*
Second Year	Electrical Technician HVAC I
Third Year	HVAC II





Aligned Advanced Academic Courses

Dual Credit	HVAC workforce classes are through Collin College

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Participate in a pre-apprenticeship in HVAC and refrigeration • Intern with an HVAC company to practice installing and repairing heating and cooling systems
Expanded Learning Opportunities	• Job shadow an HVAC technician or cost estimator • Participate in SkillsUSA

Aligned Industry-Based Certifications

- Section 608 Technician Certification

Successful completion of the HVAC and Sheet Metal program of study will fulfill requirements of the Business and Industry endorsement.





Example Postsecondary Opportunities

Apprenticeships

- Heating and Air Conditioning Installer

Associate Degrees

- Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology
- Construction Site Management
- Property Maintenance
- Sheet Metal Technology/Sheetworking

Bachelor's Degrees

Construction Engineering
Construction Management
Building/Construction Site Management
Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology

Master's, Doctoral, and Professional Degrees

- Construction Engineering
- Construction Management

Example Aligned Occupations

Helpers—Installation, Maintenance, and Repair Workers
Median Wage: $33,348
Annual Openings: 2,366
10-Year Growth: 22%

Heating, Air Conditioning, and Refrigeration Mechanics and Installers
Median Wage: $48,722
Annual Openings: 3,719
10-Year Growth: 21%

Construction Managers
Median Wage: $95,072
Annual Openings: 6,325
10-Year Growth: 24%

Data Source: TexasWages,TexasWorkforceCommission.Retrieved3/8/20240

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources

HVAC

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry - Heating, Ventilation, & Air Conditioning - HVAC

Prin. of Construction → Electrical Technology → HVAC I → HVAC II

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Prin. of Constr.*	**Prin. of Constr.**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Electrical Tech	**Electrical Tech**
HVAC I	**HVAC 1**
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
HVAC II	**HVAC II**
	HVAC II
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry - Heating, Ventilation, & Air Conditioning – HVAC

Collegiate Academy Track

Prin. of Construction → Electrical Technology → HVAC I → HVAC II

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Prin. of Constr.*	**Prin. of Constr.**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Electrical Tech	**Electrical Tech**
HVAC I	**HVAC 1**
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
HVAC II	**HVAC II**
	HVAC II
~~Elective~~	GOVT 2305 / ECON 2301
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.

**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Hospitality & Tourism

Program: Hospitality Services

The Travel, Tourism, and Attractions program of study focuses on occupational and educational opportunities associated with the marketing and sales of travel and tourism services. This program of study includes planning, directing, and coordinating marketing or business policies and programs. Students will identify potential customers and determine demand and promotional strategies for products and services.

Secondary Courses for High School Credit

First Year	Intro to Culinary Entrepreneurship*
Second Year	Travel & Tourism Management
Third Year	Practicum in Hospitality Services



Work-Based Learning and Expanded Learning Opportunities

Work Based Learning Activities	• Intern at a local tourism and visitors bureau to learn about managing and marketing attractions and resources • Work part-time as a tour guide at a local attraction
Expanded Learning Opportunities	• Volunteer at a local community event (fair or rodeo) • Tour an attraction, theme park, or event center • Participate in FCCLA

Aligned Industry-BasedCertifications

- TBD by District

Successful completion of the Travel, Tourism and Attractions program of study will fulfill requirements of the Business and Industry endorsement.



Example Postsecondary Opportunities

Associate Degrees
- Tourism and Travel Services Management
- E-Commerce/Electronic Commerce

Bachelor's Degrees
- Marketing/Marketing Management
- Business/Managerial Economics

Master's, Doctoral, and Professional Degrees
- Marketing/Marketing Management
- Tourism and Travel Services Management

Additional Stackable IBCs/License
- Tourism Management

Example Aligned Occupations

Reservation and TransportationTicket AgentsandTravel Clerks
Median Wage: $48,000
Annual Openings: 2,031
10-Year Growth: 17%

Travel Agents
Median Wage: $39,991
Annual Openings: 473
10-Year Growth: 22%

Market Research Analysts and Marketing Specialists
Median Wage: $60,926
Annual Openings: 5,688
10-Year Growth: 35%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/ ca reer-a nd-technica l-educa tion/ prog ra ms -of-stu dy - additional-resources

Hospitality Services

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry - Hospitality Services

Intro to Culinary → Travel & Tourism Mgmt → Practicum in Hospitality Services

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Spanish I	
PE / PE Substitute	
Fine Arts	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Intro to Culinary	**Intro to Culinary**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Travel & Tourism	**Travel & Tourism Mgt.**
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Practicum in Hospitality Services	**Pract. In Hosp. Serv.**
	Pract. In Hosp. Serv.
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry - Hospitality Services

Collegiate Academy Track

Intro to Culinary → Travel & Tourism Mgmt → Practicum in Hospitality Services

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Intro to Culinary	**Intro to Culinary**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Travel & Tourism	**Travel & Tourism Mgt.**
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	**ENVR 1401 / ENVR 1402**
Practicum in Hospitality Services	**Pract. In Hosp. Serv.**
	Pract. In Hosp. Serv.
~~Elective~~	GOVT 2305 / ECON 2301
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.

**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Welding

Program: Welding

The Welding Program of Study focuses on the development and use of automatic and computer-controlled machines, tools, and robots that perform work on metal or plastic. CTE learners will learn how to modify parts to make or repair machine tools or maintain individual machines and how to use hand-welding or flame-cutting equipment.

Secondary Courses for High School Credit

First Year	Intro to Welding
Second Year	Welding 1 Entrepreneurship*
Third Year	Welding 2





Example Postsecondary Opportunities

Apprenticeship
- Welding

Associate Degrees
- Welding Technology
- Building/Construction Site Management
- Operations Management and Supervision

Bachelor's Degrees
- Welding Technology
- Construction Management
- Project Management
- Building/Construction Site Management

Master's, Doctoral, and Professional Degrees
- Engineering
- Engineering/Industrial Management
- Manufacturing Engineering
- Construction Engineering

Example Aligned Occupations

Welders, Cutters, Solderers, Industrial Production

Median Wage: $48,177
Annual Openings:6,792
10-Year Growth: 23%

First-Line Supervisors of Production and Operating Workers

Median Wage: $62,584
Annual Openings: 5,926
10-Year Growth: 17%

Industrial Production Managers

Median Wage: $119,691
Annual Openings: 1,296
10-Year Growth: 19%

Data Source: TexasWages,TexasWorkforceCommission.Retrieved3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/ ca reer-a nd-technica l-educa tion/ prog ra ms -of-stu dy -a dditi ona l-resources

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Job shadow a welder Intern for a local welding company
Expanded Learning Opportunities	• Tour a welding shop • Participate in SkillsUSA or TSA • Participate in a welding project that benefits the community

Aligned Industry-Based Certifications

- American Welding Society Certs

American Welding Society

Successful completion of the Welding program of study will fulfill requirements of the Business and Industry endorsement.

Texas Education Agency

Welding

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry - Welding

Intro to Welding → Welding I → Welding II

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Intro to Welding	**Intro to Welding**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Welding I	**Welding I**
	Welding I
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Welding II	**Welding II**
	Welding II
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Business & Industry – Welding
Collegiate Academy Track

Intro to Welding → Welding I → Welding II

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Intro to Welding	**Intro to Welding**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARST 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Welding I	**Welding I**
	Welding I
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
Welding II	**Welding II**
	Welding II
~~Elective~~	GOVT 2305 / ECON 2301
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: General

Program: Multidisciplinary

The Multidisciplinary Studies Program provides students with a flexible, well-rounded academic pathway that emphasizes depth and breadth of knowledge across all core subjects. Students complete four credits in each of the four core academic areas—English, mathematics, science, and social studies—while selecting elective courses that match their personal interests, career goals, or academic strengths. This program is designed for students who want to explore multiple fields, prepare for a wide range of postsecondary options, and develop strong foundational skills in communication, critical thinking, problem-solving, and academic literacy.

Secondary Courses for High School Credit

- 4 credits English
- 4 credits Math
- 4 credits Science
- 4 credits Social Studies
- 6 credits General Electives





AP	AP classes for core classes
Dual Credit	Dual credit core classes offered through Collin College

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Job shadowing in a variety of careers based on student interest • Internships with local businesses, nonprofits, or public agencies • Mentorships aligned to a student's chosen elective focus
Expanded Learning Opportunities	• Participation in academic clubs aligned to student interests (e.g., debate, STEM clubs, arts clubs, service organizations) • UIL Academics or Academic Decathlon



Successful completion of the Multidisciplinary program of study will fulfill requirements of the Multidisciplnary endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Administrative Assistant Apprentice
- Information Technology Support Apprentice

Associate Degrees
- General Studies or Liberal Arts
- Business Administration
- Social and Behavioral Science

Bachelor's Degrees
- Interdisciplinary Studies or General Studies
- Communications, English, History, Psychology, or Sociology

Master's, Doctoral, and Professional Degrees
- Interdisciplinary Studies
- Masters of Public Administration (MPA)

Additional Stackable IBCs/License
- Microsoft Office Specialist
- Customer Service & Sales Certificate

Example Aligned Occupations

Help Desk Tech

Median Wage: $51,823
Annual Openings: 1000
10-Year Growth: 23.4%

Customer Service Rep

Median Wage: $38,061
Annual Openings: 2500
10-Year Growth: 7.8%

Insurance Claims Clerk

Median Wage: $47,742
Annual Openings: 1000
10-Year Growth: 6.1%

Data Source: My Texas Future accessed: 11/11/2025

For more information visit:
https://www.mytexasfuture.org/career-explorer

Multidisciplinary

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Multidisciplinary

*4th Social Studies	→	6 Electives

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Elective	
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Elective	
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Adv. Social Studies*	
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Multidisciplinary

Collegiate Academy Track

*4th Social Studies → 6 Electives

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Elective	
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1032
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Elective	
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
~~Adv. Social Studies*~~	GOVT 2305 / ECON 2301
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Health Science

Program: CNA - Nursing

The Nursing Science program of study focuses on occupational and educational opportunities associated with patient care. This program of study includes the practice of caring for patients, performing routine procedures such as monitoring vital signs, developing, and implementing care plans, maintaining medical records, and managing disease or pain.

Secondary Courses for High School Credit

First Year	Principles of Health Science
Second Year	Health Science Theory Medical Terminology
Third Year	Practicum of Nursing (Collin College) Anatomy and Physiology





Aligned Advanced Academic Courses

AP	AP Biology 2, AP Chemistry
Dual Credit	Senior yr courses are through Collin College

Students should be advised to consider these course opportunities to enrich their preparation. AP courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Intern with a medical assistant at a community clinic, hospital, or assisted living facility • Conduct informational interviews with nurses in different departments and healthcare settings
Expanded Learning Opportunities	• Volunteer at community clinics, hospitals, assisted living and long-term care facilities • Participate in HOSA or SkillsUSA

Aligned Industry-Based Certifications

- Basic Life Support Provider
- Certified Nurse Assistant (CNA)

Successful completion of the Nursing Science program of study will fulfill requirements of STEM endorsement if the math and science requirements are met or the Public Services endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Registered Nurse Resident

Associate Degrees
- Medical Assisting
- Vocational Nursing

Bachelor's Degrees
- Registered Nursing
- Nursing Administration

Master's, Doctoral, and Professional Degrees
- Nursing Administration
- Nursing Science

Additional Stackable IBCs/License
- Certified Emergency Nurse

Example Aligned Occupations

Nursing Assistants
Median Wage: $30,856
Annual Openings: 10,936
10-Year Growth: 15%

Licensed Practical and Licensed Vocational Nurses
Median Wage: $50,913
Annual Openings: 6,865
10-Year Growth: 17%

Registered Nurses
Median Wage: $79,831
Annual Openings: 16,207
10-Year Growth: 17%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources

Nursing

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

Public Service - Certified Nursing Assistant – CNA – Nursing Science

Prin. of Health Science → Health Science Theory → Medical Term. → Pract. of Nursing → Pathophys / Hlth Prof Skills

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Prin. Hlth Sci	**Prin. Hlth Sci**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Hlth Sci TP	**Hlth Sci TP**
Medical Term.	**Medical Terminology**
Elective	

Senior Year	
English IV*	
Adv. Math*	
Anatomy & Physiology	**Anatomy & Physiology**
Pract. of Nursing	**Pract. of Nursing**
	Pract. of Nursing
Patho/ Hlth Prof Skills	**Patho/ Hlth Prof Skills**
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

Public Service - Certified Nursing Assistant – CNA – Nursing Science

Collegiate Academy Track

Prin. of Health Science → Health Science Theory → Medical Term. → Pract. of Nursing → Pathophys / Hlth Prof Skills

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Prin. Hlth Sci	**Prin. Hlth Sci**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Hlth Sci TP	**Hlth Sci TP**
Medical Term.	**Medical Terminology**
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
Anatomy & Physiology	**Anatomy & Physiology**
Pract. of Nursing	**Pract. of Nursing**
	Pract. of Nursing
Patho/ Hlth Prof Skills	**Patho/ Hlth Prof Skills**
~~Elective~~	ENVR 1401 / ENVR 1402
~~Elective~~	GOVT 2305 / ECON 2301

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Human Services

Program: Cosmetology

The Travel, Tourism, and Attractions program of study focuses on occupational and educational opportunities associated with the marketing and sales of travel and tourism services. This program of study includes planning, directing, and coordinating marketing or business policies and programs. Students will identify potential customers and determine demand and promotional strategies for products and services.

Secondary Courses for High School Credit

First Year	Intro to Cosmetology Entrepreneurship*
Second Year	Cosmetology I (2 credits)
Third Year	Cosmetology II (3 credits)



Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Work part-time in a salon, spa, or barbershop • Participate in an apprenticeship at a salon to become an apprentice stylist
Expanded Learning Opportunities	• Tour a salon, spa, or barbershop • Participate in SkillsUSA

Aligned Industry-BasedCertifications

- Cosmetology Operator License

Successful completion of the Cosmetology and Personal Care Services regional program of study will fulfill requirements of the Business and Industry endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Apprentice Stylist

Associate Degrees
- Cosmetology Operator
- Esthetics and Skin Care

Additional Stackable IBCs/License
- Class A Barber
- Eyelash Extension Specialist
- Hair Weaving Specialist

Example Aligned Occupations

Hairdressers, Hairstylists, andCosmetologists
Median Wage: $27,286
Annual Openings: 8,014
10-Year Growth: 25%

Skincare Specialists
Median Wage: $35,112
Annual Openings: 778
10-Year Growth: 38%

First-Line Supervisors of Personal ServiceWorkers
Median Wage: $36,795
Annual Openings: 2,253
10-Year Growth: 29%

Data Source: TexasWages,TexasWorkforceCommission. Retrieved 3/8/2024.

For more information visit:
h ttp s :// tea.texa s.g ov/a ca demi cs / col l eg e -ca reer-and-military-prep/career-and-technical-education/programs-of-s tu d y-a ddi ti o nal - resources

Cosmetology

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Public Service - Cosmetology

Intro to Cosmetology → Cosmetology I → Cosmetology II

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Intro to Cosmetology	**Intro to Cosmetology**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Cosmetology I	**Cosmetology I**
	Cosmetology I
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Cosmetology II	**Cosmetology II**
	Cosmetology II
	Cosmetology II
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Public Service – Cosmetology

Collegiate Academy Track

Intro to Cosmetology → Cosmetology I → Cosmetology II

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Intro to Cosmetology	**Intro to Cosmetology**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Cosmetology I	**Cosmetology I**
	Cosmetology I
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
Cosmetology II	**Cosmetology II**
	Cosmetology II
	Cosmetology II
~~Elective~~	GOVT 2305 / ECON 2301

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.

**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Law and Public Service

Program: Criminal Justice

The Legal Studies program of study focuses on topics such as legal research, legal writing, rules of procedure, case management, law office technology, and legal ethics. Areas of the legal system studied include aspects of family law, criminal law, and contract law.

Secondary Courses for High School Credit

First Year	Intro to Criminal Justice Court Systems and Practices
Second Year	Fund. of Criminal Law Correctional Systems
Third Year	Crime in America Police Systems/Practices Criminal Investigation Legal Aspects of Law Enforcement



Aligned Advanced Academic Courses

Dual Credit	All courses are through Collin College (online)

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Shadow a clerk in a courthouse to learn about civil litigation • Intern at a law firm, working alongside a paralegal to produce and organize legal documents • Work part-time as an administrative assistant at a local non-profit that provides legal aid
Expanded Learning Opportunities	• Participate in Mock Trail

Aligned Industry-Based Certifications

- NALA Certified Paralegal

Successful completion of the Legal Studies program of study will fulfill requirements of the Public Services endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Law Apprenticeship

Associate Degrees
- Paralegal Studies
- Court Reporting and Captioning

Bachelor's Degrees
- Legal Research
- Legal Studies

Master's, Doctoral, and Professional Degrees
- Juris Doctorate
- International and Comparative Law

Additional Stackable IBCs/Licensures
- Paralegal

Example Aligned Occupations

Court Reporters
Median Wage: $51,177
Annual Openings: 174
10-YearGrowth:11%

Paralegals and Legal Assistants
Median Wage: $56,310
Annual Openings: 4,046
10-Year Growth: 23%

Lawyers
Median Wage: $134,158
Annual Openings: 3,915
10-Year Growth: 19%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/ ca reer-a nd-technica l-educa tion/ prog ra ms -of-stu dy - additional-resources

Legal Studies

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Public Service – Criminal Justice

Intro to Criminal Justice / Court Systems & Legal Practices → Fund. of Criminal Law / Correctional Systems → Crime in America / Police Sys & Practices → Criminal Investigation / Legal Aspects of Law Enforcement

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Intro to CJ / Court Sys & Legal Pract+	**Intro to CJ / Court Sys & Legal Pract+**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Fund. Crim Law / Cor. Sys+	**Fund. Crim Law / Cor. Sys+**
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Crime in Amer / Pol. Sys & Prac.+	**Crime in Amer / Pol. Sys & Prac.+**
Crim. Invest. / Legal Aspects+	**Crim. Invest. / Legal Aspects+**
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.
+ - Course(s) will be a dual credit course offered online with Collin College.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Public Service – Criminal Justice
Collegiate Academy Track

Intro to Criminal Justice / Court Systems & Legal Practices → Fund. of Criminal Law / Correctional Systems → Crime in America / Police Sys & Practices → Criminal Investigation / Legal Aspects of Law Enforcement

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Intro to CJ / Court Sys & Legal Pract+	**Intro to CJ / Court Sys & Legal Pract+**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Fund. Crim Law / Cor. Sys+	**Fund. Crim Law / Cor. Sys+**
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
Crime in Amer / Pol. Sys & Prac.+	**Crime in Amer / Pol. Sys & Prac.+**
Crim. Invest. / Legal Aspects+	**Crim. Invest. / Legal Aspects+**
~~Elective~~	GOVT 2305 / ECON 2301
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.
+ - Course(s) will be a dual credit course offered online with Collin College.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Health Science

Program: Emergency Medical Tech - EMT

The Diagnostic and Therapeutic Services program of study focuses on occupational and educational opportunities associated with diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team. This program of study includes exploration of patient treatment and rehabilitative programs that help build or restore daily living skills to persons with disabilities or developmental delays

Secondary Courses for High School Credit

First Year	Principles of Health Science
Second Year	Health Science Theory Medical Terminology
Third Year	EMT Basics (Collin College) *Must be 18 by April of graduating year*



Aligned Advanced Academic Courses

AP	AP Biology 2, AP Chemistry
Dual Credit	Senior yr courses are through Collin College

Students should be advised to consider these course opportunities to enrich their preparation. AP courses not listed under the Secondary Courses for High School Credit section of this framework document do not counttowardsconcentrator/completerstatusfor this program of study.

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Intern with a medical assistant at a community clinic, hospital, assisted living, or long-term care facility • Participate in job shadowing experiences such as Emergency Medical Services (EMS) ride along or hospital/clinical job
Expanded Learning Opportunities	• Participate in Health Occupation Students of America (HOSA) or SkillsUSA • Participate in Advanced Medical Ambulance Bus (AMBUS) event or Community Emergency Response Team (CERT) event

Aligned Industry-Based Certifications

- Emergency Medical Technician–Basic

Successful completion of the Diagnostic and Therapeutic Services program of study will fulfill requirements of the Public Services endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Medical Assistant

Associate Degrees
- Emergency Medical Technology
- Radiologic Technology/Science

Bachelor's Degrees
- Emergency Medical Technology
- Medical Insurance Coding

Master's, Doctoral, and Professional Degrees
- Medicine
- Occupational Therapy

Additional Stackable IBCs/License
- Registered Diagnostic Medical Sonographer

Example Aligned Occupations

Medical Assistants
Median Wage: $36,834
Annual Openings: 11,638
10-Year Growth: 29%

Dental Hygienists
Median Wage: $79,663
Annual Openings: 1,352
10-Year Growth: 32%

Physician Assistants
Median Wage: $127,332
Annual Openings: 974
10-Year Growth: 41%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources

Emergency Medical Tech - EMT

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Public Service - Emergency Medical Technician - EMT

Prin. of Health Science → Health Science Theory → Medical Term. → EMT Basics

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Prin. Hlth Sci	**Prin. Hlth Sci**
Elective	
Elective	
Summer Course*	
Summer Course*	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Hlth Sci TP	**Hlth Sci TP**
Medical Term.	**Medical Terminology**
Elective	
Summer Course*	
Summer Course*	

Senior Year	
English IV*	
Adv. Math*	
Anatomy & Physiology	**Anatomy & Physiology**
Prin. Nursing Sci	**EMT Basics**
	EMT Basics
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Public Service - Emergency Medical Technician – EMT

Collegiate Academy Track

Prin. of Health Science → Health Science Theory → Medical Term. → EMT Basics

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Prin. Hlth Sci	**Prin. Hlth Sci**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Hlth Sci TP	**Hlth Sci TP**
Medical Term.	**Medical Terminology**
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
Anatomy & Physiology	**Anatomy & Physiology**
Prin. Nursing Sci	**EMT Basics**
	EMT Basics
~~Elective~~	ENVR 1401 / ENVR 1402
~~Elective~~	GOVT 2305 / ECON 2301

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Human Services

Program: Family & Community Service

The Family and Community Services program of study focuses on occupational and educational opportunities associated with social services, including child and human development and consumer sciences. This program of study includes managing social and community services, managing family and consumer sciences, and understanding career paths in social work or therapy for children, families, or school communities.

Secondary Courses for High School Credit

First Year	Child Development Entrepreneurship*
Second Year	Human Growth & Development
Third Year	Practicum in Human Services





Example Postsecondary Opportunities

Apprenticeships
- Community Health Worker Apprentice

Associate Degrees
- Social Work
- Human Development and Family Studies

Bachelor's Degrees
- Social Work
- Human Development and Family Studies

Master's, Doctoral, and Professional Degrees
- Mental Health Counseling
- Marriage and Family Therapy

Additional Stackable IBCs/License
- Certified Diabetes Educator

Example Aligned Occupations

Community Health Workers
Median Wage: $39,520
Annual Openings: 501
10-Year Growth: 25%

Social and Human Services Assistants
Median Wage: $38,442
Annual Openings: 3,298
10-Year Growth: 21%

Child, Family, and School Social Workers
Median Wage: $49,398
Annual Openings: 2,342
10-Year Growth: 14%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Participate in a community health worker apprenticeship at a community health center • Shadow a social worker in a community non-profit organization to learn about providing social and community services
Expanded Learning Opportunities	• Participate in FCCLA

Aligned Industry-Based Certifications

- Community Health Worker

Successful completion of the Family and Community Services program of study will fulfill requirements of the Public Service endorsement.

Family and Community Services

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

Public Service - Family & Community Services

Child Development → Human Growth & Development → Pract. of Human Services

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Child Development	**Child Development**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Human Growth & Dev.	**Human Growth & Dev.**
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Pract. Human Serv.	**Pract. Human Serv.**
	Pract. Human Serv.
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

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Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Public Service - Family & Community Services

Collegiate Academy Track

Child Development → Human Growth & Development → Pract. of Human Services

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Child Development	**Child Development**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Human Growth & Dev.	**Human Growth & Dev.**
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
Pract. Human Serv.	**Pract. Human Serv.**
	Pract. Human Serv.
~~Elective~~	GOVT 2305 / ECON 2301
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.

**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Law and Public Service

Program: Fire Science

The Fire Science program of study focuses on occupational and educational opportunities associated with fire prevention, protection, and firefighting. This program of study includes firefighter safety, building codes, and the necessary physical skills to performrescues. Students will learn about preparedness, basic fire suppression techniques, basic arson investigation, hazardous material management, and educating the public about fire safety.

Secondary Courses for High School Credit

First Year	Principles of Law, ect.
Second Year	Firefighter I
Third Year	Firefighter II Anatomy & Physiology





Example Postsecondary Opportunities

Apprenticeships

- Fire Apprentice

Associate Degrees

- Emergency Medical Technology
- Fire Protection Technology

Bachelor's Degrees

- Fire Science
- Emergency Health Services

Additional Stackable IBCs/License

- Hazardous Materials Awareness
- FirePlanExaminer

Example Aligned Occupations

Emergency Medical Technicians
Median Wage: $34,169
Annual Openings: 1,590
10-YearGrowth:19%

Firefighters
Median Wage: $52,353
Annual Openings: 2,294
10-Year Growth: 14%

Fire Inspectors and Investigators
Median Wage: $67,014
Annual Openings: 203
10-Year Growth: 14%

Data Source: TexasWages,TexasWorkforceCommission. Retrieved 3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/ca reer-a nd-technica l-educa tion/ prog ra ms -of- stu dy - additional-resources

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Shadow a fire chief to learn about fire department operations and skills needed to be a firefighter • Intern with a fire inspection company to learn about building safety, fire prevention, and fire protection
Expanded Learning Opportunities	• Tour a local fire department • Participate in SkillsUSA or TSA

Aligned Industry-BasedCertifications

- Emergency Medical Technician – Basic

Successful completion of the Fire Science program of study will fulfill requirements of the Public Servicesendorsement.

Fire Science

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

Public Service - Fire Science

Prin. of Law, etc. → Firefighter I → Firefighter II

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Prin. Law, etc.	**Prin. Law, etc.**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Firefighter I	**Firefighter I**
	Firefighter I
Elective	

Senior Year	
English IV*	
Adv. Math*	
Anatomy & Physiology	**Anatomy & Physiology**
Firefighter 2	**Firefighter II**
	Firefighter II
	Firefighter II
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

Public Service - Fire Science
Collegiate Academy Track

Prin. of Law, etc. → Firefighter I → Firefighter II

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Prin. Law, etc.	**Prin. Law, etc.**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Firefighter I	**Firefighter I**
	Firefighter I
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
Anat. & Physi.	**Anat & Physi.**
Firefighter 2	**Firefighter II**
	Firefighter II
	Firefighter II
~~Elective~~	ENVR 1401 / ENVR 1402
~~Elective~~	GOVT 2305 / ECON 2301

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Law and Public Service

Program: Law Enforcement

The Law Enforcement program of study focuses on occupational and educational opportunities associated with the development and enforcement of laws by various branches of law enforcement. This program of study includes the history, organization, and functions of local, state, and federal law enforcement. Students will understand the role of constitutional law at local, state, and federal levels; the U.S. legal system; criminal law; and law enforcement terminology and the classification and elements of crime.

Secondary Courses for High School Credit

First Year	Principles of Law, ect.
Second Year	Law Enforcement I
Third Year	Law Enforcement II Forensic Science



Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Shadow a detective to learn about investigations and the role of detectives in law enforcement • Intern in dispatch at a local law enforcement agency to learn about first responder roles and processes
Expanded Learning Opportunities	• Visit a police department • Participate in TSA or SkillsUSA

Aligned Industry-BasedCertifications

- IAED Emergency Telecommunicator

Successful completion of the Law and Public Service program of study will fulfill requirements of the Public Services endorsement.



Example Postsecondary Opportunities

Apprenticeship
- Security Specialist

Associate Degrees
- Criminal Justice
- Law Enforcement

Bachelor's Degrees
- Forensic Science
- Criminal Justice

Master's, Doctoral, and Professional Degrees
- Criminal Justice
- Criminology and Criminal Justice

Additional Stackable IBCs/Licensures
- Jailer – Basic County Corrections
- Basic Telecommunicator

Example Aligned Occupations

Police and Sheriff's Patrol Officers
Median Wage: $64,373
Annual Openings: 5,424
10-Year Growth: 13%

Detectives and Criminal Investigators
MedianWage:$82,090
Annual Openings: 1,536
10-Year Growth: 8%

First-Line Supervisors of Police and Detectives
MedianWage:$97,571
Annual Openings: 5,461
10-Year Growth: 12%

Data Source: TexasWages,TexasWorkforceCommission. Retrieved 3/8/2024.

For more information visit:
~~https://tea.texas.gov/academics/college-career-and-military-prep/~~ ~~ca reer a nd technica l educa tion/ prog ra ms -of-~~ stu dy ~~additional-resources~~

Law Enforcement

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

Public Service - Law Enforcement

Prin. of Law, etc. → Law Enforcement I → Law Enforcement I

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Prin. Law, etc.	**Prin. Law, etc.**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Law Enforcement I	**Law Enforcement I**
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Forensic Sci.	**Forensic Science**
Law Enforcement II	**Law Enforcement II**
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Public Service - Law Enforcement

Collegiate Academy Track

Prin. of Law, etc. → Law Enforcement I → Law Enforcement I

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Prin. Law, etc.	**Prin. Law, etc.**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Law Enforcement I	**Law Enforcement I**
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
Forensic Sci.	**Forensic Science**
Law Enforcement II	**Law Enforcement II**
~~Elective~~	ENVR 1401 / ENVR 1402
~~Elective~~	GOVT 2305 / ECON 2301
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy

Parent Signature _____ Student Signature _____ Counselor Signature _____

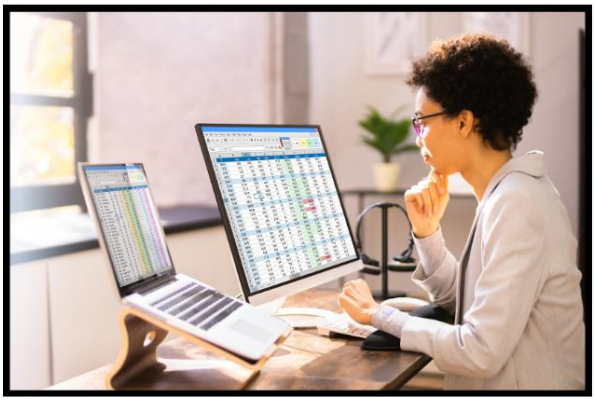
Career Cluster: Law and Public Service

Program: Medical Scribe

The Health Informatics program of study focuses on occupational and educational opportunities associated with the management and use of patient information in the healthcare field. This program of study includes exploration of computerized healthcare systems and the process of creating and maintaining hospital and patient records in accordance with regulatory requirements of the healthcare system. Students will also practice writing and interpreting medical reports.

Secondary Courses for High School Credit

First Year	Principles of Health Science
Second Year	Health Science Theory Medical Terminology
Third Year	A&P for Med Assistant Medical Law and Ethics Admin Procedures Anatomy & Physiology



Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Intern with a medical records specialist or health services manager • Job shadow a medical services manager to understand how services and facilities are managed
Expanded Learning Opportunities	• Participate in HOSA, DECA, SkillsUSA, or BPA

Aligned Industry-Based Certifications

- TBD by District

Successful completion of the Health Informatics program of study will fulfill requirements of the Public Services endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Medical Coder

Associate Degrees
- Health Information/Medical Records Technology
- Medical Assisting

Bachelor's Degrees
- Nursing Administration
- Medical Insurance Coding

Master's, Doctoral, and Professional Degrees
- Nursing Administration
- Hospital and Health Care Facilities Administration

Additional Stackable IBCs/License
- Consumer Health Information Specialization – Level I

Example Aligned Occupations

Medical Secretaries and Administrative Assistants
Median Wage: $38,431
Annual Openings: 7,300
10-Year Growth: 21%

Medical Records Specialists
Median Wage: $44,176
Annual Openings: 1,812
10-Year Growth: 18%

Medical and Health Services Managers
Median Wage: $105,461
Annual Openings: 6,080
10-Year Growth: 43%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/hs-health-informatics-extended.pdf

Medical Scribe

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

Public Service – Medical Scribe

Prin. of Health Science → Health Science Theory → Medical Term. → Med. Law & Ethics / Admin Proc.+ → Anat & Phys for Med. Asst.

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC*	
Govt.* / Econ.*	
Prin. of Hlth Sci.	**Prin. of Hlth Sci**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Hlth Sci TP	**Hlth Sci TP**
Medical Terminology	**Medical Terminology**
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Med. Law & Ethics / Admin Proc.+	**Med. Law & Ethics / Admin Proc.+**
Anat & Phys for Med. Asst.	**Anat & Phys for Med. Asst.**
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy
+ - Course(s) will be a dual credit course offered online with Collin College.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Public Service – Medical Scribe

Collegiate Academy Track

Prin. of Health Science → Health Science Theory → Medical Term. → Med. Law & Ethics / Admin Proc.+ → Anat & Phys for Med. Asst.

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Prin. of Hlth Sci.	**Prin. of Hlth Sci**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Hlth Sci TP	**Hlth Sci TP**
Medical Terminology	**Medical Terminology**
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
Adv. Science*	ENVR 1401 / ENVR 1402
Med. Law & Ethics / Admin Proc.+	**Med. Law & Ethics / Admin Proc.+**
Anat & Phys for Med. Asst.	**Anat & Phys for Med. Asst.**
~~Elective~~	GOVT 2305 / ECON 2301
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy
+ - Course(s) will be a dual credit course offered online with Collin College.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Health Science

Program: Rehab Aide

The Exercise Science, Wellness, and Restoration program of study focuses on occupational and educational opportunities associated with assisting patients with maintaining physical, mental, and emotional health. This program of study includes researching diet and exercise needed to maintain a healthy, balanced lifestyle and exploring techniques to help patients recover from injury, illness, or disease.

Secondary Courses for High School Credit

First Year	Principles of Health Science Entrepreneurship*
Second Year	Health Science Theory
Third Year	Rehab Aide I & II (Collin College) Principles of Applied Healthcare Anatomy & Physiology





Aligned Advanced Academic Courses

AP	AP Biology 2, AP Chemistry
Dual Credit	Senior yr courses are through Collin College

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Participate in an internship with a physical therapist, occupational therapist, or speech therapist • Shadow an athletic trainer from a local sports team
ExpandedLearning Opportunities	• Participate in the Texas State Athletic Trainers Association • Participate in HOSA or SkillsUSA • Volunteer at a hospital or rehabilitation center

Aligned Industry-Based Certifications

- Physical Therapist Assistant - Collin College

Successful completion of the Exercise Science, Wellness, and Restoration program of study will fulfill requirements of the Public Services endorsement.



Example Postsecondary Opportunities

Appre nti ce shi ps
- Medical Assistant

Associate Degrees
- Associate of Applied Science

Bachelor's Degrees
- Nutrition Sciences
- Exercise Physiology and Kinesiology

Master's, Doctoral, and Professional Degrees
- Exercise Science and Kinesiology
- PhysicalTherapy

Additional Stackable IBCs/License
- PhysicalTherapyTechnician/Aide Certification

Example Aligned Occupations

Exercise Trainers and Group Fitness Instructors
Median Wage: $44,916
Annual Openings: 5,022
10-Year Growth: 41%

Physical TherapistAssistants
Median Wage: $74,866
Annual Openings: 1,218
10-Year Growth: 44%

Athletic Trainers
Median Wage: $54,447
Annual Openings: 295
10-Year Growth: 13%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-pre p/ ca re e r-a nd-te chnica l-e duca tion/ prog ra m s -of-s tu dy - additional-resources

Rehab Aide

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

Public Service - Rehab Aide

Prin. of Health Science → Health Science Theory → Medical Term. → Rehab Aide I → Rehab Aide II → Prin. of Allied Health

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Prin. Hlth Sci	**Prin. Hlth Sci**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Hlth Sci TP	**Hlth Sci TP**
Medical Term.	**Medical Terminology**
Elective	

Senior Year	
English IV*	
Adv. Math*	
Anatomy & Physiology	**Anatomy & Physiology**
Rehab Aide I	**Rehab Aide I**
Rehab Aide II	**Rehab Aide II**
Prin. Allied Hlth	**Prin. Allied Hlth**
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Public Service - Rehab Aide
Collegiate Academy Track

Prin. of Health Science → Health Science Theory → Medical Term. → Rehab Aide I → Rehab Aide II → Prin. of Allied Health

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Spanish I	
PE / PE Substitute	
Fine Arts	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Spanish II	
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course	ARTS 1301
Summer Course	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Prin. Hlth Sci	**Prin. Hlth Sci**
Hlth Sci TP	**Hlth Sci TP**
Elective	
Summer Course	GOVT 2306
Summer Course	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
Anatomy & Physiology	**Anatomy & Physiology**
Rehab Aide I	**Rehab Aide I**
Rehab Aide II	**Rehab Aide II**
Prin. Allied Hlth	**Prin. Allied Hlth**
~~Elective~~	ENVR 1401 / ENVR 1402
~~Elective~~	GOVT 2305 / ECON 2301

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Education and Training

Program: Teaching & Training

The Teaching and Training program prepares students for careers in education by exploring child development, human growth, and learning principles. Through coursework and practicum experiences, students gain hands-on skills in classroom support, instructional strategies, and educational leadership.

Secondary Courses for High School Credit

First Year	Child Development
Second Year	Principles of Ed & Training Human Growth & Development
Third Year	Practicum in Education



Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Serve as a camp counselor to learn mentoring, facilitation, and lesson planning skills • Volunteer in a tutoring center to learn lesson planning and skills assessment
Expanded Learning Opportunities	• Participate in FCCLA • Participate in TAFE

Aligned Industry-Based Certifications

- Educational Aide I

Successful completion of the Teaching and Training program of study will fulfill requirements of the Public Service endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Teacher Apprentice

Associate Degrees
- Adult and Continuing Education and Teaching
- Educational/Instructional Technology

Bachelor's Degrees
- Elementary Education and Teaching
- Secondary Education and Teaching

Master's, Doctoral, and Professional Degrees
- Educational Leadership and Administration, General
- Curriculum and Instruction

Additional Stackable IBCs/License
- Generalist, Grades EC-4

Example Aligned Occupations

Teaching Assistants, Except Postsecondary
Median Wage: $28,066
Annual Openings: 10,000
10-Year Growth: 15%

Secondary School Teachers, Except Special Education and CTE
Median Wage: $61,035
Annual Openings: 8,288
10-Year Growth: 14%

Education Administrators, Kindergarten through Secondary
Median Wage: $81,976
Annual Openings: 2,676
10-Year Growth: 14%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources

Teaching and Training

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

Public Service - Teaching & Training

Child Development → Prin. Edu & Training → Pract. Edu & Training

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Child Development	**Child Development**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
Prin. Edu & Training	**Prin. Edu & Training**
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Pract. Edu. & Training	**Pract. Edu & Train.**
	Pract. Edu & Train.
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Public Service - Teaching & Training

Collegiate Academy Track

Child Development → Prin. Edu & Training → Pract. Edu & Training

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Child Development	**Child Development**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Prin. Edu & Training	**Prin. Edu & Training**
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENV 1402
Pract. Edu. & Training	**Pract. Edu & Train.**
	Pract. Edu & Train.
~~Elective~~	GOVT 2305 / ECON 2301
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.

**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Law and Public Service

Program: JROTC

The JROTC program of study emphasizes leadership development, civic responsibility, and personal growth through a structured military framework. Students explore the history, organization, and purpose of military service at local, state, and federal levels, while gaining a foundational understanding of the U.S. Constitution and the role it plays in shaping civic life. The courses fosters discipline, teamwork, and decision-making, encouraging students to become engaged citizens and future leaders in their communities.

Secondary Courses for High School Credit

- JROTC 1-4
- Must take ASVAB (Jr/Sr year)



Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Leadership internships • Drill and Ceremony
Expanded Learning Opportunities	• Leadership academies and camps • School events and competition • Service-learning projects • Job shadowing with military personnel • Mentorship and peer leadership programs

May also participate in the JROTC Competition



Successful completion of the Junior Reserves Officers' Training Corps program of study will fulfill requirements of the Public Services endorsement.



Example Postsecondary Opportunities

United States Armed Forces Enlistment

- U.S. AirForce
- U.S. Army
- U.S. Coast Guard
- U.S. Navy
- U.S. Space Force
- U.S. Marine Corp

Military Academies

- U.S. Military Academy – West Point
- U.S. Naval Academy – Annapolis
- U.S. Air Force Academy – Colorado Springs
- U.S. Coast Guard Academy – New London
- U.S. Merchant Marine Academy – Kings Point

University – ROTC Programs

- Basic Course – Freshman / Sophomore
- Advanced Course – Junior/ Senior

Example Aligned Occupations

Military Police Investigator

Median Wage: $55,598
Annual Openings: 325
10-Year Growth: 5%

Aviator

Median Wage: $233,909
Annual Openings: 1,268
10-Year Growth: 6%

Military Construction Mechanic

Median Wage: $47,385
Annual Openings: 4,301
10-Year Growth: 6%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources

Junior Reserve Officers' Training Corps

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Public Service - Junior Reserves Officer Training Corps - JROTC

JROTC I → JROTC II → JROCT III → JROTC IV

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
JROTC I	**JROTC I**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
JROTC II	**JROTC II**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Chemistry*	
U.S. History*	
JROTC III	**JROTC III**
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science	
JROTC IV	**JROTC IV**
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

Public Service - Junior Reserves Officer Training Corps – JROTC

Collegiate Academy Track

JROTC I → JROTC II → JROTC III → JROTC IV

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
JROTC I	**JROTC I**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
JROTC II	**JROTC II**
Elective	
Elective	EDUC 1301 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301/ HIST 1302
JROTC III	**JROTC III**
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science~~	ENVR 1401 / ENVR 1402
JROTC IV	**JROTC IV**
~~Elective~~	GOVT 2305 / ECON 2301
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.

**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Manufacturing

Program: Electronic Engineering Technician

The Electronics Technology program of study focuses on occupational and education opportunities associated with the development of engineered products, voltage installation and testing, electrical schematics, semiconductors, millwrights, avionics, and electrical repairers. It includes exploration of a variety of electrical uses throughout residential and commercial applications such as chip making troubleshooting electrical lines from audio video production to commercial buildings. This program of study addresses how to troubleshoot, create, repair, and read electrical blueprints, technical drafting, and the applied mathematics of electricity throughout industry.

Secondary Courses for High School Credit

First Year	Principles of Applied Engineering
Second Year	Engineering Design & Presentation
Third Year	Scientific Research & Design
Fourth Year	Fund. of Electronics/Tech Alg & Trig Digital Found/ AC/DC Circuits



Aligned Advanced Academic Courses

Dual Credit	Sr yr classes taken through Collin College

Work-Based Learning and Expanded Learning Opportunities

Work Based Learning Activities	• Intern at a chip manufacturing company • Intern at a millwright company Job • shadow an electrician
Expanded Learning Opportunities	• Tour a chip manufacturer • Tour a local electrical company • Participate in SkillsUSA

Aligned Industry-Based Certifications

- Fusion 360

AUTODESK® CERTIFIED USER

Successful completion of the Electronics Technology program of study will fulfill requirements of the Business and Industry endorsement.



Example Postsecondary Opportunities

Associate Degrees

- Electromechanical Technology
- Electronic Controls Technology
- Electronics Technician Specialization

Bachelor's Degrees

- Electrical Engineering
- Engineering Technology

Master's, Doctoral, and Professional Degrees

- Electrical Engineering
- Master of Science in Engineering with a major in semiconductor science and engineering

Additional Stackable IBCs/Licenses

- Semiconductor Technician Advanced Rapid Start
- Semiconductor Manufacturing Operator

Example Aligned Occupations

Electrical and Electronics Repairers
Median Wage: $61,099
Annual Openings: 624
10-Year Growth: 18%

Electrical and Electronic Engineering Technologist and Technicians
Median Wage: $62,968
Annual Openings: 1,156
10-YearGrowth:14%

Semiconductor Processing Technicians
MedianWage:$36,902
Annual Openings: 662
10-Year Growth: 10%

Data Source: TexasWages,TexasWorkforceCommission. Retrieved 3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/ ca reer-a nd-technica l-educa tion/ prog ra ms -of-stu dy - additional-resources

Electronics Engineering

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

STEM – Electrical Engineering Tech

Prin. Applied Engr. → Engr. Design & Presentation → Scientific Research & Design → Dual Credit EET Courses

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Prin. Applied Engr	**Prin. Applied Engr.**

Sophomore Year	
English II	
Geometry	
Chemistry	Chemistry
Govt.* / Econ.*	
Engr. Dsgn & Pres	**Engr. Dsgn & Pres**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Physics	Physics
U.S. History*	
Sci. Res. & Dsgn	**Sci. Res. & Dsgn**
Elective	Elective
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science	
Fund. of Elect / Eng. Math	**Fund. of Elect / Eng. Math**
Dig. Funds / DCAC Circ.	**Dig. Funds / DCAC Circ.**
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

STEM – Electrical Engineering Tech
Collegiate Academy Track

Prin. Applied Engr. → Engr. Design & Presentation → Scientific Research & Design → Dual Credit EET Courses

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Prin. Applied Engr	**Prin. Applied Engr.**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
Chemistry	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Engr. Dsgn & Pres	**Engr. Dsgn & Pres**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
Physics	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Sci. Res. & Dsgn	**Sci. Res. & Dsgn**
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science~~	ENVR 1401 / ENVR 1402
Fund. of Elect / Eng. Math	**Fund. of Elect / Eng. Math**
Dig. Funds / DCAC Circ.	**Dig. Funds / DCAC Circ.**
~~Elective~~	GOVT 2305 / ECON 2301
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

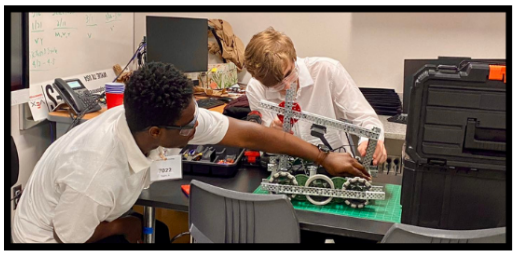
Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Manufacturing
Program: Engineering Foundations

The Engineering program equips students with foundational knowledge in applied engineering, design, and electrical technology while fostering problem-solving and innovation.

Secondary Courses for High School Credit

First Year	Principles of Applied Engineering
Second Year	Engineering Design & Presentation
Third Year	Robotics 1
Fourth Year	Scientific Research and Design



Aligned Advanced Academic Courses

AP	AP Calculus AB	AP Physics	AP Computer Science A
Dual Credit	Collin College Electrical Engineering Technology Program		

Students should be advised to consider these course opportunities to enrich their preparation. AP or Dual Credit courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

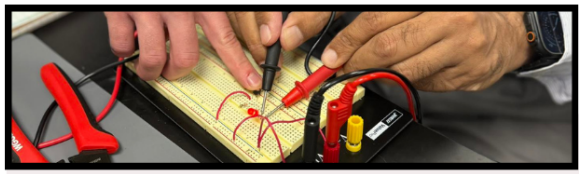
Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Intern at an engineering, robotics, or aerospace company. • Visit an engineering firm and shadow multiple types of engineers.
Expanded Learning Opportunities	• Participate in SkillsUSA • Join a local engineering association and attend meetings.

Aligned Industry-Based Certifications

- TBD by District

Successful completion of the Engineering Foundationsprogram of study will fulfill requirements of the STEM endorsement if the math and science requirements are met or the Business and Industry endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Industrial Engineering Technician Apprenticeship

Associate Degrees
- Manufacturing Engineering Technology/ Technician
- Robotics Technology/Technician

Bachelor's Degrees
- Electrical and Electronics Engineering
- Engineering, General

Master's, Doctoral, and Professional Degrees
- Electrical and Electronics Engineering
- Engineering, General

Additional Stackable IBCs/Licensures
- Professional Engineer (PE License)
- Engineer in Training Certification (EIT)

Example Aligned Occupations

Civil Engineering Technologists and Technicians
Median Wage: $61,138
Annual Openings: 765
10-Year Growth: 11%

Aerospace Engineers
Median Wage: $115,694
Annual Openings: 483
10-Year Growth: 18%

Mechanical Engineers
Median Wage: $99,937
Annual Openings: 1,755
10-Year Growth: 19%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources

Engineering Foundations

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

STEM – Engineering Foundations

Prin. Applied Engr. → Engr. Design & Presentation → Robotics → Scientific Research & Design

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Prin. Applied Engr	**Prin. Applied Engr.**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
Chemistry	Chemistry
Govt.* / Econ.*	
Engr. Dsgn & Pres	**Engr. Dsgn & Pres**
Elective	Elective
Elective	Elective

Junior Year	
English III*	
Algebra II*	
Physics	Physics
U.S. History*	
Robotics I	**Robotics I**
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science	
Sci. Res. & Dsgn	**Sci. Res. & Dsgn**
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

STEM – Engineering Foundations

Collegiate Academy Track

Prin. Applied Engr. → Engr. Design & Presentation → Robotics → Scientific Research & Design

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Prin. Applied Engr	**Prin. Applied Engr.**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
Chemistry	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Engr. Dsgn & Pres	**Engr. Dsgn & Pres**
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
Physics	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Robotics I	**Robotics I**
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science~~	ENVR 1401 / ENVR 1402
Sci. Res. & Dsgn	**Sci. Res. & Dsgn**
~~Elective~~	GOVT 2305 / ECON 2301
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: STEM

Program: Math

The STEM Mathematics Program of Study provides a rigorous foundation in mathematical reasoning, problem-solving, and analytical thinking for students interested in science, technology, engineering, and mathematics fields. Through an integrated sequence of courses, ranging from algebra and geometry to calculus and statistics, students apply mathematical concepts to real-world problems and technological applications. Emphasizing inquiry, collaboration, and the use of digital tools, the program prepares learners for advanced study and careers in mathematics, engineering, computer science, data analytics, and other STEM disciplines.

Secondary Courses for High School Credit

- Geometry
- Algebra 1 and 2
- Precalculus
- Statistics
- AP or Dual Credit Math's



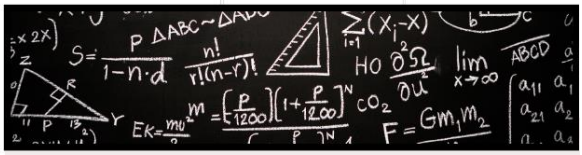
AP	AP Calculus AB
Dual Credit	Dual Credit Math options offered through Collin

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Job Shadowing: Students observe professionals such as engineers, data analysts, or actuaries to learn how mathematics is used in their daily work.
Expanded Learning Opportunities	• Math and Science Clubs • UIL Competitions • Robotics and Coding Teams • Research fairs or STEM Showcases

```
        // Update the rule with the new access value
        $this->_sql->update( 'acl_rules', array( 'access' => $acce
    }
    foreach( $this->rules as $key=>$rule ) {
        if ( $details['role_id'] == $rule['role_id'] && $details['
            if ( $access == false ) {
                unset( $this->rules[ $key ] );
```

Successful completion of the Math program of study will fulfill requirements of the STEM endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Engineering Tech apprentice
- CAD Tech apprentice

Associate Degrees
- Math
- Computer Science
- Data Science

Bachelor's Degrees
- Mathematics or Applied Mathematics
- Engineering (Mechanical, civil, electrical, or computer)
- Statistics or Data Science

Master's, Doctoral, and Professional Degrees
- Engineering
- PhD in Quantitative Research

Additional Stackable IBCs/License
- Python Programing cert
- CompTIA Data+ or CompTIA IT Fundamentals

Example Aligned Occupations

Statisticians

Median Wage: $95,597
Annual Openings: 451
10-Year Growth: 46%

Data Scientists

Median Wage: $100,098
Annual Openings: 7000
10-Year Growth: 52%

Economists

Median Wage: $116,870
Annual Openings: 80
10-Year Growth: 17%

Data Source: My Texas Future accessed: 11/11/2025

For more information visit:
https://www.mytexasfuture.org/career-explorer

Social Studies

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

STEM - Mathematics

5th Math Course → 6 Electives

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
IPC**	
Govt.* / Econ.*	
Algebra II	
Elective	
Elective	

Junior Year	
English III*	
Pre-Calculus	
Chemistry*	
U.S. History*	
Elective	
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Elective	
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

STEM – Mathematics

Collegiate Academy Track

5th Math Course → 6 Electives

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
~~IPC**~~	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Algebra II	
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Pre-Calculus	
~~Chemistry*~~	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Elective	
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
~~Elective~~	GOVT 2305 / ECON 2301
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.

**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: Manufacturing

Program: Robotics

The Robotics and Automation Technology program of study focuses on occupational and educational opportunities associated with the assembly, operation, maintenance, and repair of electromechanical equipment or devices. This program of study includes exploration of a variety of mechanical fields, including robotics, refinery and pipeline systems, deep ocean exploration, and hazardous waste removal.

Secondary Courses for High School Credit

First Year	Principles of Applied Engineering
Second Year	Engineering Design & Presentation
Third Year	Robotics 1
Fourth Year	Robotics 2



Aligned Advanced Academic Courses

AP	AP Computer Science

Students should be advised to consider these course opportunities to enrich their preparation. AP courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

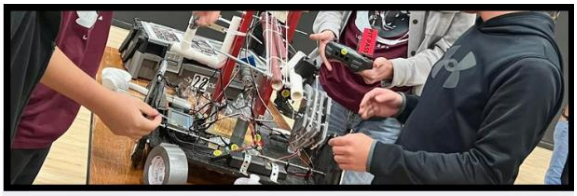
Work-Based Learning Activities	• Intern with a robotics technician working at a manufacturing plant Shadow a PLC programmer • Tour a manufacturing facility
Expanded Learning Opportunities	• Participate in SkillsUSA or TSA • Build a robot and participate in a robotics competition

Aligned Industry-Based Certifications

- Fusion 360

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Successful completion of the Robotics and Automation Technology program of study will fulfill requirements the STEM endorsement if the math and science requirements are met or of the Business and Industry endorsement.



Example Postsecondary Opportunities

Associate Degrees
- Instrumentation Technology
- Industrial Technology
- Robotics Technology
- Automation Engineer Technology

Bachelor's Degrees
- Mechanical Engineering
- Electrical Electronics Engineering
- Electrical, Electronic, and Communications
- Engineering Technology
- Electromechanical Engineering Technology

Master's, Doctoral, and Professional Degrees
- Mechanical Engineering
- Engineering/Industrial Management
- Industrial Engineering
- Electrical and Electronics Engineering

Example Aligned Occupations

Computer Numerically Controlled Tool Operators
Median Wage: $46,353
Annual Openings: 1,146
10-Year Growth: 10%

Semiconductor Processing Technicians
Median Wage: $36,902
Annual Openings: 621
10-Year Growth: 9%

Industrial Engineers
Median Wage: $100,000
Annual Openings: 1,898
10-Year Growth: 26%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.

For more information visit:
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources

STEM - Robotics

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

STEM - Robotics

Prin. Applied Engr. → Engr. Design & Presentation → Robotics I → Robotics II

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Prin. Applied Engr	**Prin. Applied Engr.**
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
Chemistry	
Govt.* / Econ.*	
Engr. Dsgn. & Pres.	**Engr. Dsgn. & Pres.**
Elective	
Elective	

Junior Year	
English III*	
Algebra II*	
Physics	
U.S. History*	
Robotics I	**Robotics I**
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Robotics II	**Robotics II**
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

STEM – Robotics

Collegiate Academy Track

Prin. Applied Engr. → Engr. Design & Presentation → Robotics I → Robotics II

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Spanish I	
PE / PE Substitute	
Fine Arts	

Sophomore Year	
English II	
Geometry	
Chemistry	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Spanish II	
Prin. Applied Engr	**Prin. Applied Engr.**
Elective	EDUC 1300 / SPCH 1315
Summer Course*	ARTS 1301
Summer Course*	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II*	
Physics	Physics
~~U.S. History*~~	HIST 1301 / HIST 1302
Robotics I	**Robotics I**
Elective	
Elective	
Summer Course*	GOVT 2306
Summer Course*	PSYC 2031

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
Robotics II	**Robotics II**
~~Elective~~	GOVT 2305 / ECON 2301
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Career Cluster: STEM

Program: Science

The STEM Science Program of Study prepares students to explore, experiment, and innovate in fields such as biology, chemistry, physics, environmental science, and biotechnology. Through inquiry-based instruction, laboratory experiences, and applied research, students develop critical thinking, scientific reasoning, and technical skills essential for success in STEM careers. Emphasizing collaboration, data analysis, and real-world problem-solving, this program equips learners for advanced education and careers in scientific research, healthcare, engineering, and technology.

Secondary Courses for High School Credit

- Biology
- Chemistry
- Physics
- Anatomy & Physiology
- Forensic Science
- Astronomy
- Biology 2 AP
- Engineering Science
- Adv Plant Science
- Adv Animal Science



AP	AP Physics, AP Biology 2
Dual Credit	Dual Credit Science options offered through Collin

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Job shadowing in laboratories, hospitals, or environmental agencies • Internships with research institutions, biotech firms, or healthcare providers
Expanded Learning Opportunities	• Science Olympiad or Science Fair • STEM clubs • Summer Science Camps • Research projects with local universities or communities



Successful completion of the Math program of study will fulfill requirements of the STEM endorsement.



Example Postsecondary Opportunities

Apprenticeships
- Lab Tech Apprentice
- Water Quality Tech Apprentice

Associate Degrees
- Biological science or Biotechnology
- Laboratory Tech or Ag Science
- Health Science

Bachelor's Degrees
- Biology, Chemistry, or Physics
- Environmental Science or Earth Science
- Biomedical Engineering

Master's, Doctoral, and Professional Degrees
- Scientific research or medical science
- Public Health

Additional Stackable IBCs/License
- OSHA General Industry (lab safety)
- ArcGIS or QGIS cert (for environmental science)

Example Aligned Occupations

Environmental Restoration Planners
Median Wage: $79,386
Annual Openings: 806
10-Year Growth: 21%

Nanosystems Engineer
Median Wage: $108,376
Annual Openings: 1400
10-Year Growth: 14%

Material Scientists
Median Wage: $68,338
Annual Openings: 8
10-Year Growth: 5%

Data Source: My Texas Future accessed: 11/11/2025

For more information visit:
https://www.mytexasfuture.org/career-explorer

Social Studies

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT

STEM – Science

5th Math Course → 6 Electives

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	
Elective	
Elective	

Sophomore Year	
English II	
Geometry	
Chemistry	
Govt.* / Econ.*	
Elective	
Elective	
Elective	

Junior Year	
English III*	
Algebra II	
Physics	
U.S. History*	
Elective	
Elective	
Elective	

Senior Year	
English IV*	
Adv. Math*	
Adv. Science*	
Adv. Science*	
Elective	
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.
**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

Name: _____ Grad Year: _____ Date: _____

Student ID: _____

PRINCETON INDEPENDENT SCHOOL DISTRICT

STEM – Science

Collegiate Academy Track

5th Math Course → 6 Electives

High School Credits earned prior to entering 9th grade. (If Any)

Required Electives

PE / PE Substitute	Fine Art	LOTE I	LOTE II

Freshmen Year	
English I	
Algebra I	
Biology	
World Geography	
Elective	Elective
Elective	Elective
Elective	Elective

Sophomore Year	
English II	
Geometry	
Chemistry	Chemistry
~~Govt.* / Econ.*~~	HIST 2311 / HIST 2312
Elective	
Elective	
Elective	EDUC 1300 / SPCH 1315
Summer Course **	ARTS 1301
Summer Course **	BUSI 1307

Junior Year	
~~English III*~~	ENGL 1301 / ENGL 1302
Algebra II	
Physics	Physics
~~U.S. History*~~	HIST 1301/ HIST 1302
Elective	
Elective	
Elective	
Summer Course **	GOVT 2306
Summer Course **	PSYC 2301

Senior Year	
~~English IV*~~	ENGL 2332 / ENGL 2333
~~Adv. Math*~~	MATH 1314 / MATH 1342
~~Adv. Science*~~	ENVR 1401 / ENVR 1402
Adv. Science*	
~~Elective~~	GOVT 2305 / ECON 2301
Elective	
Elective	

*-Course that can be replaced with another course in some instances in accordance with options provided in HB5.

**- Summer courses that may be needed if student is wanting to graduate with Associates degree through the Collegiate Academy.

Parent Signature _____ Student Signature _____ Counselor Signature _____

PRINCETON
INDEPENDENT SCHOOL DISTRICT