Program of Studies
Deer Park High School

North Campus
Grade 9

South Campus
Grades 10-12

Wolters Campus

2020-2021

“Preparing Today’s Students for Tomorrow’s Challenges”
VISION

This is our vision for Deer Park Schools:

• That graduates are prepared to master the intellectual, economic, civic, social, and ethical challenges of adulthood.
• That students, parents, and community members are highly satisfied with the services and treatment they receive from the district.
• That staff are satisfied and productive in their work and committed to the district's mission and clients.

MISSION

The mission of the Deer Park Independent School District is to maximize educational opportunities for all students so they may perform at their highest potentials and be successful in meeting the challenges of the future. In doing so, our district will excel in fulfilling the expectations of our stakeholders - students, parents, staff, and taxpayers.

Board of Trustees

Lynn Kirkpatrick  President

Jason Morris  Vice President
Brenda Cothran  Assistant Secretary
Lee Giddens  Member

Rhonda Lowe  Secretary
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Jason Cable  Member

It is the policy of Deer Park Independent School District not to discriminate on the basis of race, color, national origin, sex, or handicap in programs, services, or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

Deer Park Independent School District ofrece clases de Carreras y Tecnología para 2020-2021

Deer Park Independent School District ofrece programas vocacionales en Tecnología Medica, Educación en Negocios, Educación en Tecnología, Educación de Economía Familiar, y Educación Industrial. La admisión a estos programas se basa en ahoescolar, apropiado para su edad, interes, clase disponible, y aptitud.

Es norma de Deer Park I.S.D. no discriminar por motivos de raza, color, origen national, sexo o impedimento, en sus programas, servicios o actividades vocacionales, tal como lo requieren el Titulo VI de la Ley de Deprechos Civiles de 1964, segun enmienda; el Titulo IX de las Emmiendas en la Educacion, de 1972, y la Seccion 504 de la Ley de Rehabilitacion de 1973, segun enmienda.

Deer Park I.S.D. tomará las medidas necesarias para asegurar que la falta de habilidad en el uso de la lengua ingles no sea un obstaculo para la admisión y participación en todos los programas educativos y vocacionales.

Para informacion sobre sus derechos o procedimientos para quejas, comuniquese con el Coordinator de Titulo IX, 2800 Texas Avenue, Deer Park, Texas 77536, Stephen Harrell, 832-668-7070, y/o el Coordinador de la Seccion 504, 2800 Texas Avenue, Deer Park, Texas 77536, 832-668-7113.

Para más información sobre programas vocacionales en español favor de llamar 832-668-7000.
# CENTRAL ADMINISTRATION

Victor White  
*Superintendent of Schools*

Peaches McCroskey  
*Deputy Superintendent for Human Resources*

Ronda Koubu  
*Assistant Superintendent for Instruction*

Stephen Harrel  
*Assistant Superintendent for Administration*

Pete Pape  
*Assistant Superintendent for Business Services*

---

## Campus Administrators and Counselors

### Deer Park High School South Campus

- **710 W. San Augustine**  
  Deer Park, TX  77536  
  Phone 832-668-7200

- Steve Corry  
  Principal
- Kirk Taylor  
  Associate Principal
- Evette Powell  
  Dean of Instruction
- Carey Driskell  
  Asst. Principal for Testing
- Kim Edwards  
  Asst. Principal
- Tammi Mallory  
  Asst. Principal
- Marc Milliorn  
  Asst. Principal
- Donald Thompson  
  Asst. Principal
- Amy Zavesky  
  Asst. Principal

- **Counselor's Office Phone**: 832-668-7209
- Lisa Cortez  
  Counselor
- Yuliana Miranda  
  Counselor
- Brandy Babcock  
  Counselor
- Vanessa Harry  
  Counselor
- Dora Garcia  
  Counselor
- Celavi Longoria  
  Counselor
- Amanda White  
  Scholarships
- Angela Butler-Carter  
  College & Career Readiness Counselor

### Deer Park High School North Campus

- **402 Ivy Street**  
  Deer Park, TX  77536  
  Phone 832-668-7300

- Scott Davis  
  Principal
- Mary Peacock  
  Asst. Principal
- Jessica Bennight  
  Asst. Principal

- **Counselor's Office Phone**: 832-668-7305
- Christine Campo  
  Counselor
- Chelsey Crull  
  Counselor
- Bonnie McCoy  
  Counselor

### Deer Park High School Wolters Campus

- **204 Ivy Ave.**  
  Deer Park, TX  77536  
  Phone 832-668-7400

- Clyde Skarke  
  Principal
- Leslie Cruz  
  Asst. Principal
- Emily Richards  
  Counselor

### Disciplinary Alternative Education Program

- **601 E. Eighth Street**  
  Deer Park, TX  77536  
  Phone 832-668-7407

- Paul Moore  
  Administrator
Students and Parents,

The information presented in this booklet can be extremely valuable to secondary school students and their parents. Charting a course through high school and beyond is of critical importance to the individual and should be attended to with utmost care. Thus, it is important to keep this material for future reference. Be aware that, because this material is published early in the preceding school year, some changes in procedure, policy, or course offerings may be required. Students and parents will receive updated information if that occurs.

The **2020 - 2021 Program of Studies** is a presentation of course descriptions offered by Deer Park High School. Additionally, it presents graduation requirements and offers pertinent policy and procedural information that will assist you in making choices about your high school preparation for the future.

Students should seek the advice of parents, teachers, and counselors. Care should be taken to review the “Four Year Plan” prior to registration for next year’s classes. This will assist you in developing a clear picture of your specific course of studies.

The Deer Park High School Curriculum is taught in two semesters with seven classes each semester. North, South, and Wolters Campuses will follow the same schedule. Optional flex classes may be available during the fall and spring semesters. Students will graduate under the requirements set forth by Chapter 74, Senate Bill 1, House Bill 3, and House Bill 5 of the Texas Education Code.

This is the Program of Studies that the Freshman of 2020 will follow until graduation.

**COURSE REQUESTING**

During registration, care should be taken in designing a four-year plan that includes courses needed for graduation. Correct course titles and numbers should be transferred to the “Course Request” card. Courses or programs requiring special approval must be accompanied by the appropriate signature. Students should be aware it is their responsibility to register for and complete courses required by the Texas Education Agency for graduation.

Our high school staff looks forward to helping you achieve a very successful and rewarding school year in 2020-2021.
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General Information
ACADEMIC EXCELLENCE AWARDS

1. Students must be enrolled in Deer Park High School both semesters of the academic year and carry a full load to be considered for an academic excellence award.

2. Those students earning a cumulative grade point average of 3.8 or better each year will be eligible to receive an academic excellence award. Senior grade point averages will be determined at the end of their fall semester.

3. First year recipients will receive a plaque. When a student earns a second academic honor, he/she shall receive an academic jacket or blanket with a letter. Additional honors after the jacket or blanket and letter will include a service bar to be added to the jacket or blanket.

4. Students are eligible to receive only 1 jacket or blanket during their 4 years in high school.

5. Students that have earned a jacket or blanket from another DPHS organization will earn an academic letter for their jacket or blanket.

ACADEMIC DECATHLON

Academic Decathlon is an academic team competition for junior and senior level students. The team is composed of two “A” students, two “B” students, two “C” students, and an alternate in each category compete in ten academic events. The selection process involves an application, teacher recommendation, interview, and qualifying tests.

ACADEMIC HONORS BANQUET

The Academic Honors Banquet is unique in that it is sponsored and financed by the industries in the Deer Park Independent School District for the purpose of honoring academic excellence. Students who earn a 3.7 GPA for the first semester of the current year and who have administrative approval are invited to this banquet.

ALTERNATIVES TO REGULAR CLASSROOM SETTING

DPHS Wolters Campus (WC)

Deer Park High School Wolters Campus is a school of choice which provides students an opportunity to earn credits toward graduation at an accelerated pace. As a special program under Deer Park High School, students must meet the same credit and state testing requirements to earn their diploma. Classes at DPHS-WC are monitor-paced and designed so that students receive credits as they master and complete the course requirements. Parents and students need to be aware that because the course content for electives is reduced to allow for acceleration, students receive alternate grade points for the elective courses taken at Wolters. Students in grades 10-12 are eligible to complete an application to be considered for acceptance. Applications are available in the counselors’ offices at each high school campus. An application is also available online on the Wolters Campus home page. A student may be enrolled at DPHS-WC while also attending classes at the North Campus, South Campus, or San Jacinto Junior College. A student’s transcript will be carefully reviewed to match the student with the most appropriate placement to meet their needs and to help them find success in school. Please contact the campus administration at Wolters Campus for any additional information.
Disciplinary Alternative Education Program (DAEP)

DAEP addresses the needs of high school students with major behavioral offenses or persistent minor offenses that mandate their removal from the regular classroom setting. The students continue their education while receiving group and individual counseling for the purpose of improving behavior. The length of assignment will be a minimum of 15 days.

Students who are in violation of the district’s Student Code of Conduct are sent to DAEP as an alternative to expulsion. Placements in the program are from any of the district’s junior high schools and either high school campus. The DAEP school day will begin at 9:00 a.m. and end at 4:00 p.m.

CAREER & TECHNICAL EDUCATION

WORK BASED CO-OP 11th - 12th grades

Deer Park ISD offers students an opportunity to participate in Career and Technical Education programs. Course offerings, descriptions, and requirements are outlined in the Program of Studies.

1. All Work Based Learning and Dual Credit CTE students are responsible for their own transportation.

2. CTE students who leave the campus for work stations or other assignments must leave the campus immediately after their last campus class and may not return to the campus during the school day without checking in at the office.

3. CTE students must follow all rules, regulations, and attendance dates for San Jacinto College and workstations.

4. Students must not report to work on a day they are absent from school.

5. CTE students may not be placed in or removed from CO-OP after the first three weeks of school. Students who acquire a job during the fall semester can request a CO-OP at the end of the semester.

It is the policy of DPISD not to discriminate in admission to these programs or in its employment practices.

Public Notification of Nondiscrimination

It is the policy of Deer Park ISD not to discriminate on the basis of race, color, national origin, sex, handicap in its vocational programs, services, or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

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

Deer Park ISD will take steps to ensure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

For information about your rights or grievance procedures, contact the Title IX Coordinator, Stephen Harrell, Deputy Supt. for Administration, at 2800 Texas Ave., Deer Park, TX 77536, 832/668-7070, or the Section 504 Coordinator, Pam McClean, 2800 Texas Ave., Deer Park, TX 77536, 832/668-7162.

CHANGING SCHEDULES

Counselors take a great deal of time to work with students and their schedules. Our hope is that this will eliminate most schedule changes. Schedule changes may be granted for the following reasons: school error, graduation requirements, prerequisites, failures, UIL requests, or CTE requests. Level change requests may be made after the 3rd week of school and the paperwork completed by the 5th week of school. All other change requests will be reviewed by the Dean of Instruction or may be made at the end of the semester. Students are not permitted to change schedules in order to get a preferred teacher or lunch period.
Removing A Student From An Assigned Teacher

A parent may request a teacher change if the parent feels that the educational environment is inappropriate for his or her student. A parent-teacher conference is required before the administration will consider the request. If a schedule change is granted, class loads will determine the new class placement.

COLLEGE DAYS - South/WC only

Juniors may take one college day that will not count against the final exam exemption. Seniors may take two college days that will not count against the final exam exemption. The following guidelines apply:

1. The student must notify the appropriate grade level attendance clerk prior to taking the day.
2. Within five days, the student must bring back a note on college letterhead to indicate that he/she was on campus that day.

If these guidelines are not followed, the day will count as a regular absence.

CORRESPONDENCE COURSES

With the counselor’s approval, high school students may earn credit toward graduation by satisfactorily completing correspondence courses that meet the essential elements as outlined in the list of approved courses. Correspondence courses shall be used for emergencies or enrichment only and should not become a substitute for residence work.

The following conditions must be met:

1. Students must be enrolled in high school.
2. Approval from the counselor must be acquired before taking a correspondence course.
3. Courses must be from the University of Texas Division of Extension at Austin or the Extension Division of Texas Tech University or an approved TxVSN provider to meet state-required units for graduation. Other courses must be pre-approved by the Dean of Instruction.
4. Application may be obtained from the counselor.
5. Students must complete the course satisfactorily; counselors will supervise the course exam.
6. Costs for correspondence courses are the responsibility of the student.

CREDIT BY EXAMINATION FOR ACCELERATION

According to TEC §28.023, students may earn high school credit for a subject in which no formal instruction has occurred. These advanced placement procedures involve:

1. Requesting examination through the counseling office.
2. Taking the exam on the date and time determined by the school district.
3. Scoring 80% on this criterion-referenced exam. These exams may be from an approved state entity (Texas Tech) or an approved locally developed test.
4. One credit will be awarded upon meeting the stated criteria.
5. Students who pass a credit by exam for a course that has an EOC will be exempt from the EOC exam.

Students interested in earning high school credit by advanced placement examination should consult their guidance counselor for detailed information.

CREDIT BY EXAMINATION - Local Policy

According to local policy, credit by examination provides an alternative for students to gain credit in courses in which they have already had prior instruction but were not able to satisfy course requirements.

Students must have had a minimum of at least 55 scholastic hours of prior formal instruction for a semester course or 110 scholastic hours of prior formal instruction for a full-year course.

The following requirements must be met:

1. Students must be enrolled in high school.
2. Application must be made and fees must be paid.
3. Students must have made sufficient
preparation to warrant their being given a special exam and/or performance test.

4. Courses must be from the University of Texas Division of Extension at Austin or the Extension Division of Texas Tech University to meet state-required units for graduation with a passing grade of 80.

Credit by examination cannot be used to gain eligibility for participation in extracurricular activities.

GIFTED/TALENTED SERVICES

Students in the Deer Park Independent School District are screened in kindergarten, first and third grades to determine the need for gifted/talented services. Evaluation of student scores is conducted by the district’s GT Specialists to determine which students are eligible for further assessment. In addition, parents, teachers, or community members may also recommend a student in grades K-12 for screening.

The Deer Park ISD Board of Trustees has approved all policies on gifted and talented services. Additional information related to Board Policy, criterion, and gifted and talented services may be obtained at each campus.

GRADE LEVEL CLASSIFICATION

At the beginning of each school year, students will be classified according to the number of credits earned and the number of years in high school. Requests to change classification must be made prior to the first day of school. Students with 17+ credits will only be qualified as a senior if they are in their 4th year of high school.

<table>
<thead>
<tr>
<th>Credits</th>
<th>Grades</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-4.5</td>
<td>9th</td>
</tr>
<tr>
<td>5-11.5</td>
<td>10th</td>
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<tr>
<td>12-16.5</td>
<td>11th</td>
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<tr>
<td>17-26</td>
<td>12th</td>
</tr>
<tr>
<td>26</td>
<td>Graduation</td>
</tr>
</tbody>
</table>

A letter declaring early graduation must be submitted to the registrar’s office prior to grade reclassification and GPA recalculation. The early graduation declaration letter and the request for grade reclassification must occur prior to the first day of classes in the fall semester.

Grade Point Average

Numerical grade averages are given to students after each nine weeks. The two nine-weeks grades and semester exam are averaged to determine the semester grade. Based on a 4 point scale, grade points are assigned to semester grades and are recorded on the student’s report card and permanent record.

| ADVANCED COURSES | Eligible AP courses and dual credit courses designated in the student handbook shall be categorized and weighted as Advanced courses. |
| HONORS COURSES   | Eligible Pre-AP courses and other courses locally designated as honors courses in the student handbook shall be categorized and weighted as Honors courses. |
| REGULAR COURSES  | All other eligible courses shall be designated as Regular courses. |
### Grade Points

<table>
<thead>
<tr>
<th>Grade</th>
<th>Advanced</th>
<th>Honors</th>
<th>Regular</th>
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<td>70</td>
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<td>69 and lower</td>
<td>0.0</td>
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</tbody>
</table>

#### Honors Grade Point Courses:

#### Advanced Grade Point Courses

#### University of Texas OnRamps
DPHS now offers PreCal PAP and Algebra II PAP through a partnership with the University of Texas. Students qualify for the dual enrollment programs through their Algebra II PAP and Geometry PAP grades, respectively. Students in the college course in the spring semester (students qualify for enrollment in the college course through the fall semester UT exam scores) are eligible for dual credit with UT and DPHS; students not enrolled in the college course will continue to earn high school credit. Students enrolled in the spring semester college course will earn dual credit GPA points during that semester only. *The Algebra II PAP OnRamps class is the only math course available to double-advanced ninth grade students.

#### Early College Academy
The Early College Academy provides an opportunity for students to meet their academic and intellectual goals by earning dual diplomas: an Associate Degree from San Jacinto College and a High School Diploma with Endorsements from Deer Park ISD. During the sophomore year, students’ classes and grades are assessed for eligibility to the program, and they receive an invitation to participate by the College and Career Readiness counselor. Once students are accepted into the Academy, they will meet with a SJC counselor and our CCR counselor to determine a two-year plan. *Once enrolled in the program, all math courses are taken at SJC.*
GRADING PROCEDURES

Grading Policies

Differences in content and teaching methodology from one discipline to another make it impossible to have precisely the same grading policies in all departments. Parents and students who have questions about methods for determining grades in a particular class or subject area are encouraged to address their questions to the teacher, department chairperson, or principal. There are, however, a limited number of general grading policies that apply to all departments in Deer Park High School.

1. Each student will receive at least five grades entered in the teacher’s grade book for each three-week period.

2. A semester examination will be administered in all courses. Scheduling of periodic examinations during the semester is left up to each individual teacher and will vary from class to class.

3. CBAs (curriculum based assessments) will be administered throughout the school year in ELA, math, science, and social studies courses. Scheduling of periodic exams during the semester is determined by the departments & individual teachers and will vary between classes.

4. Homework is review and reinforcement work that is completed at home. Typically, a homework assignment requires a student to work problems, complete an exercise, or engage in an activity that is based on a recent lesson and is intended to strengthen a student’s performance on objectives addressed by the lesson. Homework is distinguished from preparation activities, long-range projects, group projects, research papers, completion of laboratory assignments, and completion of in-class daily work at home. Homework assignments will account for no more than 20% of the grade in a particular course.

5. Re-teaching is the provision of additional instruction to students who fail to demonstrate mastery of an objective or set of objectives. Retesting involves giving the student an additional opportunity to demonstrate his mastery of objectives. Teachers at DPHS will provide students with opportunities for re-teaching and retesting according to the following guidelines:

a. Re-teaching and retesting will be available to students who make a grade of 69 or below on a major assignment or periodic examination during the semester. The determination of which assignments are considered “major assignments” is left to the discretion of each department.

b. Because semester examinations are summative measures of a student’s overall learning during the semester, retesting is not an option for semester examinations.

c. Students will not have the option to retest on a CBA; however, there will be opportunities for re-teaching and test corrections to regain partial credit. The teacher will provide the details in regard to test correction opportunities.

d. In order for a student to retest on a major assignment, a teacher may require a student to participate in a tutorial class or in other recommended remedial activities.

e. The recommended highest grade a student can earn on a retest is 70.

f. For each major assignment or periodic test, a student will be given only one opportunity for re-teaching and retesting. During a nine-week period, a student may take advantage of the opportunity for re-teaching and retesting on no more than 3 major assignments or tests for each class.

b. Retesting and re-teaching must take place within a reasonable period of time, usually no longer than one week, following the assignment or examination.

h. If a majority of students in a class earn a grade of 69 or below on a major assignment or periodic examination, the teacher may provide review and remediation for the entire class rather than individual re-teaching. In these cases, the teacher may choose to do group rather than individual retesting.
Progress Reports

**North Campus & South Campus only**

DPHS will provide academic information routinely to parents or guardians in two ways. First, a student will receive a report card at the end of each nine weeks. Second, all students will receive a progress report for all classes at the end of each three weeks. In addition, an individual progress report will also be given by the teacher if there is a significant drop in a student’s performance or if his/her performance is below grade level in a specific course.

It is the responsibility of the student to deliver the progress report to the parent or guardian. Should there be questions or concerns, parents or guardians may contact the counselor.

**Wolters Campus only**

Students enrolled at DPHS-WC will receive a progress report following the three-week and the six-week grading periods and a report card at the end of each nine-weeks grading period. Academic progress grades are reported as Excellent, Satisfactory, Needs Improvement and Unsatisfactory and are based upon a student’s academic pacing in a particular course at each grade reporting interval. For participation in UIL and extracurricular activities, a “U” for Unsatisfactory progress is the equivalent of a grade lower than a 70 on a scale of 100 and the student will be deemed ineligible until the student regains academic eligibility under TEC – Section 33.081. Students will not receive a numeric grade in a Wolters course until they have successfully completed all course credit requirements.

Parents who have questions regarding academic progress are encouraged to contact their student’s teachers throughout the grading period. It is the responsibility of the student to deliver the progress report and report card to the parent or guardian.

**Final Examinations - NC & SC only**

Unless exempt, students are required to take final examinations at the end of a semester and may not be excused from taking the examination nor permitted to take the examination prior to the date that it has been scheduled for the class. See the Dean of Instruction for makeup examination information. Students who do not take semester exams and are not exempt will receive a 35 as a semester average.

**Final Examinations - WC only**

Students enrolled in courses at Deer Park High School Wolters Campus are required to take and pass a final exam for each semester course. Credit for courses is not awarded until students have completed the course work and passed the final exam.

**Final Exam Exemption Policy - NC & SC only**

Exemptions from final exams may be granted if the following criteria are met.

**Attendance:** Three absences or less. School-sponsored activities will not count as absences. If a student spends more than half a period in the clinic, that period will be counted as an absence for exemption purposes.

**Academic:** The class grade average for the two nine weeks must be 80 or above and will serve the average of the semester.

**Discipline:** Students can have no suspensions or more than 3 days in ISS during the semester and can have no assignments to DAEP during the semester.

**Clear Record:** Students shall not have any outstanding fines or fees by the posted deadline.

Sophomores, juniors, and seniors may earn an exemption during the fall semester in any class except those classes associated with Math, Science, Social Studies, English, and Foreign Language. Students may not exempt Computer Science courses or Robotics. Students may earn a semester exam exemption on a period-by-period basis for the spring semester. STAAR exams will have no impact on exam exemptions.

Students qualifying for an exemption may choose to take the exam for which they are exempt. In such cases, the student’s grade on the exam will be utilized only if it improves their final average.

Students are required to attend a portion of the school day on days of finals, even if they are exempt from test(s) on that day.
**Report Cards**

Report cards are normally issued to students on the Wednesday following the close of each nine-week period during the school year. At the close of each school year, the final report card is issued at a time designated by the school principal and is mailed to the home address.

It is the responsibility of the student to deliver the report card to the parents or guardian. Should there be a question or concern, parents or guardians may contact their child’s grade level counselor, who will receive a copy.

**Grade Averaging**

The numerical grade average for each nine weeks will be added with the value of the semester exam.

Semester grades will be averaged and if the average is 70 or above, one credit will be earned for the course. Changing classes in the same course will not alter this program. Semester grades from out of state schools, private schools, summer school, homeschool, correspondence courses, or Edgenuity courses will not be averaged. Success in the second level of many subjects (i.e., math, foreign language) is dependent on the skills and knowledge obtained in the first level; and, while averaging semester grades may indicate a full credit earned, it is strongly recommended that a student repeat the second semester of a course if that grade was failing. Semester grades from Texas public schools will be averaged.

**Calculating Class Rank**

Students are ranked in their class according to their Grade Point Average (GPA). All Deer Park High School semester grades earned during the regular sessions, including flex classes, and all semester grades earned from other public school districts and accredited private schools during the regular academic session will be used to calculate the GPA. Rank is determined by dividing the total number of grade points earned by the total number of semester units attempted.

All semester grades will be posted to the Academic Achievement Record and used in calculating class rank. Grades earned in the following situations will
be recorded on the Academic Achievement Record and will receive credit but will not be considered in calculating class rank (i.e. no grade points): dual credit courses taken prior to the completion of the second year in high school, courses completed before entering ninth grade, correspondence courses, passing grades earned by credit by exam for acceleration and credit by exam with prior instruction, summer school, evening school, on-line courses, and monitored classes. The following will be recorded as “Pass” or “Fail” and will not be used in calculating the class rank: off-campus substitutes for physical education, home school, foreign transcripts, online courses, and courses awarded from non-accredited private schools.

Courses passed but denied credit due to excessive absences do not receive grade points. However, these courses are considered unsuccessful attempts that are counted and are used to calculate class rank. Grades recorded on foreign transcripts from American schools abroad or any United States military base school receive grade points and are used in rank calculation.

All seniors will be ranked after the fall semester of their senior year. Mid-term graduates and graduating juniors will be included in the class rank. Foreign exchange students will not be included in the rank.

Courses Taken for Non-GPA Credit

Students entering high school in the 2014-2015 school year and thereafter may choose courses for credit without being calculated into the GPA when they are juniors and seniors. They may select up to two courses per year for non GPA calculation, which is the equivalent of one credit per semester. The list of courses not available for non GPA credit includes classes for AP, Pre AP or Honors credit, and all core academic classes, including foreign language, even if any are taken as electives. Advanced Computer Science is eligible for non GPA credit. Approval for enrollment in this program requires authorization by counselor, teacher, and parent or guardian; additionally, the request form must be submitted by the end of the sixth week of school. Students taking classes for non GPA credit will be held to regular attendance and classroom expectations. If a student’s semester average falls below 80, the grade will be calculated in the student’s GPA.

Dual Credit Course Information-

In agreement with San Jacinto College, Deer Park High School students who demonstrate college readiness have the opportunity to enroll in college courses taught by San Jacinto College instructors. Dual credit courses must follow the course sequence requirements as designated in this Program of Studies. Students who are successful in these courses will receive not only high school credit for graduation, but they will also receive college credit. A student must earn a course average of 70 or better to receive high school credit. See your counselor for the complete details regarding enrollment requirements, testing dates, and courses offered. Students are responsible for their textbooks and other materials.

Deer Park ISD will pay the tuition for two courses per semester, for a total of two credits per year for seniors and juniors. Tuition will be paid for Seniors taking the following Dual Credit classes: English IV, Government, Economics, Psychology, Sociology, BCIS, Speech, ED1300, and Humanities. In addition, tuition will be paid for Juniors who take U.S. History, Psychology, Sociology, BCIS, Speech, ED1300, and Humanities. All DPHS math classes must be taken before a Dual Credit math class is approved by the Dean of Instruction.

Students must follow registration guidelines from San Jacinto College as well as DPHS guidelines.

For students who enter the ninth grade in 2016-2017 and thereafter, dual credit summer school classes must be paid for by the student and will not receive GPA points.

Online and mini-sessions are not approved for dual credit.

Students may qualify to take Career and Technical dual credit courses approved by DPISD. The school district will pay the tuition for these classes if they are taken during the school year.
Reimbursement of the total amount of fees to DPHS will be required if a student drops a dual credit class after the San Jacinto College census drop date, transfers from DPISD during a San Jacinto College semester, or if a student fails a class.

Any early admission classes students choose to take at the community college will be paid for by the student. These grades will not be reflected on the high school transcript nor will they be counted towards GPA.
Credit Requirements

The following requirements must be met to earn course credit:

1. The student earns a course grade of 70 or better.
2. The course does not deviate from the approved sequence.
3. The student has been in attendance at least 90 percent of the days of the semester.
4. Activity absences do not exceed seven for a semester or twelve for the year.

Students will not receive credit for any course for which prerequisites have not been met. Students must notify counselors immediately if a problem exists in this area.

Duplicate Course Credit

The first attempt of a duplicated course will count toward state credit and the student’s GPA; the second attempt of the course will not count toward state credit and will not count toward the student’s GPA.

New Students Enrolling after School Begins

Students moving to Deer Park High School from another school district after school begins must satisfy these additional requirements to earn credit in the course:

1. The former school must be accredited by the Texas Education Agency or the Texas Private School Accreditation Commission.
2. The course curriculum in the former school must be the same as the curriculum at Deer Park High School.
3. Assessment may be utilized to determine awarding of credit.
4. The grade earned in the former school is proportioned with the grade earned at Deer Park High School to get the grade average for any nine-weeks reporting period.

GRADUATION

General Provisions

The District will adhere to all rules and regulations set forth by the Texas Education Code, the State Board of Education Rules for Curriculum, and the rules and regulations of the University Interscholastic League.

The Deer Park High School curriculum is taught in two semesters with a seven period day. Summer school is offered on an optional basis.

Students will graduate under the requirements set forth by Chapter 74 of the Texas Education Code.

Students will not be eligible to participate in any school activity after graduation without approval of the high school principal.

Student Competency in Basic Skills Required

Deer Park High School students are expected to be competent in basic skills of language arts, mathematics, social studies, and science in order to receive a high school diploma. The STAAR/EOC tests will be taken throughout high school in these areas. State law does not permit a student to receive a high school diploma until he/she meets minimum scores on these tests.

After three years of high school attendance, a student may graduate if he/she has earned credit in the required courses as specified by Chapter 74 of the Texas Education Code, has the correct number of units, and has met STAAR/EOC standards. Students who fail any STAAR/EOC tests will have additional opportunities to re-test during the school year.
Class Rank and Graduation Honors

Class rank and graduation honors, including valedictorian and salutatorian will be determined by grade point average. For the purposes of calculation of graduation honors, grade points earned through the fall semester of the senior year shall be used. The total grade point average will be determined by dividing the total number of grade points by the total number of courses taken through the fall semester to be considered for the position of valedictorian or salutatorian. To receive graduation honors and be eligible for valedictorian or salutatorian, a student must have earned 17 credits by the opening day of school and must have attended Deer Park High School four consecutive semesters immediately preceding graduation. A tie will be declared for the position of valedictorian or salutatorian if the grades are identical through the 10,000th decimal point.

Graduation Requirements

Students will graduate under the State Foundation High School Program with an Endorsement (26 credits). Upon entering ninth grade, students must declare an endorsement from the following choices: STEM (Science, Technology, Engineering, and Math), Business and Industry, Public Services, Arts and Humanities, Multidisciplinary Studies. In addition to these course credits, students must pass the STAAR/EOC tests in ELA, math, science, and social studies before receiving a diploma. The STAAR/EOC exams include: English I, English II, Algebra I, Biology, US History. A student is required to meet a minimum score on each test.

Students may also earn one of several Performance Acknowledgements. A student may earn a Performance Acknowledgement:

* for outstanding performance
  - in a dual credit course
  - in bilingualism and biliteracy
  - on an AP test or IB exam
  - on the PSAT, the ACT-Plan, the SAT, or the ACT
* for earning a nationally or internationally recognized business or industry certification or license

For further information, see a counselor.

Graduation Ceremony Eligibility

Students who meet the following requirements will be allowed to participate in the graduation ceremony:

1. Students who have not passed one or more of the STAAR tests must take each test(s) each time it is offered by the state/district.
2. Students who are within one credit of their graduation plan at the end of their spring semester.
3. Juniors who have a minimum of 25 credits by the end of the second semester and who have notified their counselor in writing of their intention to graduate early.
4. Students who have met all TEA requirements for graduation.
5. Students who are in compliance with the Student Code of Conduct and are in good standing with the requirements of the code.
6. Students who have satisfied all financial commitments to the school.
7. Students who are in compliance with the grooming code, as well as any additional dress requirements established by the principal for the graduation ceremony.
8. Students are subject to removal from the graduation ceremony for inappropriate behavior before or during the ceremony.

GUIDANCE OFFICE

The Guidance Office is available to every student at Deer Park High School and offers a wide variety of services to help and support students at each level of high school.

Services provided include individual academic and personal counseling; consultation with faculty and parents to ensure student success; assessments to help students identify their abilities, aptitudes, and achievements; information and support in applying to colleges and post-secondary schools; assistance in obtaining scholarships and financial aid; preparation seminars for the PSAT and SAT; career information and exploration; and scheduling classes each year.

Students who would like to see a counselor need to:

1. Get a pass from the teacher before going to the Guidance Office.
2. Sign in upon arrival to the Guidance Office and sign out upon leaving.
3. Get a pass back to class from the Guidance Office.
HONORS/ADVANCED LEVEL COURSES

Honors level courses have H, PAP, or AP following the title. This curricula includes more topics, as well as a more in-depth study of the same topics. Students must use higher level thinking skills and be willing to do more individual projects, research, and devote more time outside class to learning assignments. AP English III and IV have a summer reading list to be completed prior to the course.

In order to enroll in AP or PAP courses, students and parents must sign and submit a completed AP/PAP contract to indicate that they are aware of the highly challenging, rigorous nature of these courses. In courses that a coherent sequence is a requirement for success, such as math and foreign language, successful completion of lower-level courses is required for entrance into the AP level course.

With parent approval, students may change to a regular level of the same course according to the AP/PAP contract and the district guidelines (See Changing Schedules). The grade earned in the honors course will be averaged at its numerical value (not grade-point conversion value) with the grade earned in the regular level course, if the change occurs within the semester.

Fine Arts Honors Courses

Fine Arts courses are available for Honors Credit in Band, Choir, Orchestra and Theatre. Only 11th and 12th grade students who are enrolled in their 3rd or 4th year of that particular Fine Arts course sequence may apply. Additional requirements of each discipline, which include individual competitions, written assignments, and other performance oriented evaluations. Approval to be enrolled for Honors must be given by the teacher of that class.

College Board Advanced Placement Program

Students have the opportunity to participate in the College Board Advanced Placement Program. This honors program consists of Pre-Advanced Placement (PAP) classes, Advanced Placement (AP) college-level courses and Advanced Placement examinations for secondary school students.

Upon completion of the AP course work, each student will be expected to take an Advanced Placement Examination. The student will be responsible for the cost of each examination taken. Success on these exams offers the possibility of a university awarding college credit or standing to the student. Policies and procedures regarding credit and/or placement are not uniform among institutions, nor are they necessarily uniform among departments of the same institution. However, the educational and economic advantages are well worth a student’s consideration.

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Advanced Placement Exam</th>
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<tbody>
<tr>
<td>English</td>
<td>English Language</td>
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<tr>
<td>Social Studies</td>
<td>U. S. History</td>
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<td></td>
<td>Human Geography</td>
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<td>World History</td>
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<td>U.S. Government &amp; Politics</td>
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<td>Macroeconomics</td>
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<td>Microeconomics</td>
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<td>Psychology</td>
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<td>Mathematics</td>
<td>Calculus BC</td>
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<td>Statistics</td>
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<td>Physics</td>
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<td>Environmental Science</td>
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<td>Fine Arts</td>
<td>Studio Art</td>
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<td>Languages</td>
<td>Music Theory</td>
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<td>French Language</td>
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<td>Spanish Language</td>
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<td></td>
<td>Spanish Literature</td>
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<td>German Language</td>
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<tr>
<td>Computer Science</td>
<td>Computer Science A</td>
</tr>
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<td></td>
<td>Computer Science Principles</td>
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</tbody>
</table>

Pre-Advanced Placement (PAP) courses will be offered in English, math, history, science, and foreign language. The industrious and highly motivated student is well served by PAP classes because the classes move more quickly, require a solid academic background, and allow the individual student to achieve his or her highest potential growth. These are not Advanced Placement (AP) courses, but serve to provide the background and preparation for AP course work.

The decision to accept the challenge of AP or PAP classes should be one made simultaneously by the student, counselor, teacher, and parents. Extracurricular activities, outside jobs, church responsibilities, and other honors classes often compete for attention in the life of a busy student. It is essential that the decision to enter an AP or PAP course be carefully weighed with adequate consideration being given to providing the student with the best possible conditions for success.
MAKE-UP WORK AND TESTS

A student is required to make up all work missed while absent. It is the responsibility of the student to ask the teacher what has been missed when returning from an absence.

1. Work assigned when a student is present is due when returning to class following an absence unless there are extenuating circumstances as determined by the teacher.

2. Work assigned when the student is absent is due within five days after his/her return to class. The teacher will determine the length of time needed (up to five days) to complete the assignment.

3. Incomplete grades for the first and third nine-weeks grading periods must be removed within one week of the close of the respective reporting period. Incomplete grades for the second and fourth nine-weeks grading periods must be removed within two weeks of the close of the respective reporting period. An incomplete grade will be converted to a failing grade after the allotted time unless an extension is approved by the Dean of Instruction. Teachers must change an “INC” to a grade through Skyward.

4. Make-up tests for missed exams are administered by arrangement of the student with the teacher.

5. Incomplete semester exams must be completed within two weeks to receive credit in a course. The semester exam will have a grade of “INC” assigned because of incomplete work. This grade will be converted to a “0” if the deficiency is not removed within the two-week period. Students who do not take semester exams and are not exempt will receive a 35 as a semester average.

OFF PERIODS - South/Wolters Campus only

Seniors who have 20 credits at the beginning of their senior year will have the opportunity to have one off-campus period. Seniors and juniors may earn an off period for each dual credit course taken through SJC for a maximum of two dual credit off-periods. Only full semester Fall and Spring Dual credit courses qualify a student for an off-period.

NCAA FRESHMAN-ELIGIBILITY STANDARDS

Core Courses

- NCAA Division I requires 16 core courses as of August 1, 2008. This rule applies to any student first entering any Division I college or university on or after August 1, 2008. See the chart below for the breakdown of this 16 core-course requirement.

  DIVISION I
  16 Core-Course Rule

16 Core Courses:
4 years of English.
3 years of mathematics (Algebra I or higher).
2 years of natural/physical science (1 year of lab if offered by high school).
1 year of additional English, mathematics or natural/physical science.
2 years of social science.
4 years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy).

- NCAA Division II requires 14 core courses.
  See the breakdown of core-course requirements below. Please note, Division II will require 16 core courses beginning August 1, 2013.

  DIVISION II
  14 Core-Course Rule

14 Core Courses:
3 years of English.
2 years of mathematics (Algebra I or higher).
2 years of natural/physical science (1 year of lab if offered by high school).
2 years of additional English, mathematics or natural/physical science.
2 years of social science.
3 years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy).

PLEASE NOTE:
Beginning August 1, 2013, students planning to attend an NCAA Division II institution will be required to complete 16 core courses.
Test Scores

- **Division I** has a sliding scale for test score and grade-point average. The sliding scale for those requirements is shown to the right.
- **Division II** has a minimum SAT score requirement of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a sum of the four sections on the ACT: English, mathematics, reading and science.
- All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.

Grade Point Average

- Only core courses are used in the calculation of the grade-point average.
- **Be sure** to look at your high school’s list of NCAA-approved core courses on the Eligibility Center’s Web site to make certain that courses being taken have been approved as core courses. The Web site is http://eligibilitycenter.org
- **Division I** grade-point-average requirements are listed to the right.
- **The Division II** grade-point-average requirement is a minimum of 2.000.

Other Important Information

- Division II has no sliding scale. The minimum core grade-point average is 2.000. The minimum SAT score is 820 (verbal and math sections only) and the minimum ACT sum score is 68.
- 14 core courses are currently required for Division II. However, beginning 2013, students will be required to complete 16 core courses.
- 16 core courses are required for Division I.
- The SAT combined score is based on the verbal and math sections only. The writing section will not be used.
- SAT and ACT scores must be reported directly to the Eligibility Center from the testing agency. Scores on transcripts will not be used.
- Students enrolling at an NCAA Division I or II institution for the first time need to also complete the amateurism questionnaire through the Eligibility Center Web site. Students need to request final amateurism certification prior to enrollment.

For more information regarding the rules, please go to www.ncaa.org. Click on “Academics and Athletes,” then “Eligibility and Recruiting,” or visit the Eligibility Center Web site at http://eligibilitycenter.org.

Please call the NCAA Eligibility Center if you have questions. Toll-free number: 877/262-1492.

**PARTICIPATION IN U.I.L. AND EXTRACURRICULAR EVENTS - CURRICULUM RELATED**

Eligibility for the first six-weeks reporting period is based upon credit earned the previous year.

- First year  Promoted from 8th grade
- Second year  Earned 5 credits
- Third year  Earned 10 credits
- Fourth year  Earned 15 credits

Students placed in the ninth grade are ineligible for participation in U.I.L. activities during the first six weeks. Eligibility may be reinstated if the student has passed all subjects at the end of the first six weeks.

Deer Park High School will use the following TEA guidelines when there is a question concerning curriculum related participation in University Interscholastic League sponsored events.

**No Pass, No Play**

TEC §33.081: EXTRACURRICULAR ACTIVITIES

(c) A student who is enrolled in a school district in this state or who participates in a University Interscholastic League competition shall be suspended from participation in any extracurricular activity sponsored or sanctioned by the school district or the University Interscholastic League after a grade evaluation period in which the student received a grade lower than the equivalent of 70 on a scale of 100 in any academic class other than an identified honors or advanced class. (In honors, PAP, and AP classes, the student will be suspended from participation after a grade evaluation period in which he or she received a grade lower than the equivalent of 60 on a scale of 100.) A suspension continues for at least three weeks and is not removed during the school year until
the conditions of Subsection (d) are met. A suspension does not last beyond the end of a school year. For purposes of this subsection, “grade evaluation period” means:
(1) the six-week grade reporting period, or
(2) the first six weeks of a semester & each grade reporting period thereafter, in the case of a district with a grade reporting period longer than six weeks.

(d) Until the suspension is removed under this subsection or the school year ends, a school district shall review the grades of a student under Subsection (c) at the end of each three-week period following the date on which the suspension began. At the time of a review, the suspension is removed if the student’s grade in each class, other than an identified honors or advanced class, is equal to or greater than the equivalent of 70 on a scale of 100. The principal and each of the student’s teachers shall make the determination concerning the student’s grades.

(e) Suspension of a student with a disability that significantly interferes with the student’s ability to meet regular academic standards must be based on the student’s failure to meet the requirements of the student’s individualized education program. The determination of whether a disability significantly interferes with a student’s ability to meet regular academic standards must be made by the student’s admission, review, and dismissal committee. For purposes of this subsection, “student with a disability” means a student who is eligible for a district’s special education program under Section 29.003(b).

(f) A student suspended under this section may practice or rehearse with other students for an extracurricular activity but may not participate in a competition or other public performance.

(g) An appeal to the commissioner is not a contested case under Chapter 2001, Government Code, if the issues presented relate to a student’s eligibility to participate in extracurricular activities included issues related to the student’s grades or the school district’s grading policy as applied to the student’s eligibility. The commissioner may delegate the matter for decision to a person the commissioner designates. The decision of the commissioner or the commissioner’s designee in a matter governed by this subsection may not be appealed except on the grounds that the decision is arbitrary or capricious. Evidence may not be introduced on appeal other than the record of the evidence before the commissioner.

U.I.L. Conflict of Interest

When students are scheduled to represent Deer Park High School in a U.I.L. event and other school-related opportunities are presented to them that are in direct conflict with the previously scheduled event, the following process will be used:

1. Students, parents, and coaches/sponsors should try to resolve the conflict so that the student may participate in both events.
2. When all efforts have been exhausted and there is not resolution to the conflict, the problem must be brought to the attention of the principal.
3. The student will be made aware, at this point, of the consequences of the choices. This will be in a clearly written form and signed by the coach/sponsor and the student.
4. The coach/sponsor should have the student’s decision at least two days prior to the contest. Only the principal may grant exceptions.

PERMANENT RECORDS

Eighteen-year-old students and parents of minor students have the right to:
1. Inspect and review the student’s educational records.
2. Request an amendment of the student’s educational records to ensure that they are not inaccurate, misleading, or otherwise in violation of the student’s privacy or other rights.
3. Consent to the disclosure of personally identifiable information contained in the student’s educational records.
4. File a complaint with the U.S. Department of Education concerning alleged failures
by the school district to comply with the requirements of the Family Educational Rights and Privacy Act.

Eighteen-year-old students and parents of minor students are entitled to copies of student records. There will be a charge for reproduced copies. Each side that has a printed image is considered a page.

General questions regarding the district’s policies and procedures for maintaining student records should be directed to the district’s designated records officer at 832-668-7033.

Special Education eligibility folders are maintained by the Department of Special Education. Questions regarding the records of special education students should be directed to the campus educational diagnostician or to the Executive Director of Special Services, Pam McClean, at 832-668-7162.

**PHYSICAL EDUCATION**

Although students may earn a maximum of four physical education credits, a minimum of one credit or equivalent credit or a combination of the two is required for graduation.

Students may not receive both physical education credit and a physical education equivalent credit during the same semester.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Semester</th>
<th>PE Credit</th>
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</thead>
<tbody>
<tr>
<td>Athletics</td>
<td>1st and 2nd</td>
<td>Maximum of 4</td>
</tr>
<tr>
<td>Cheerleading</td>
<td>1st and 2nd</td>
<td>Maximum of 4</td>
</tr>
<tr>
<td>JROTC</td>
<td>1st and 2nd</td>
<td>Maximum of 4</td>
</tr>
</tbody>
</table>

**Waiver of Credit**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Semester</th>
<th>PE Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marching Band</td>
<td>1st only</td>
<td>Maximum of 1</td>
</tr>
<tr>
<td>Color Guard</td>
<td>1st and 2nd</td>
<td>Maximum of 1</td>
</tr>
<tr>
<td>Drill Team</td>
<td>1st and 2nd</td>
<td>Maximum of 1</td>
</tr>
</tbody>
</table>

**REQUESTS FOR ALTERNATE ASSIGNMENTS DUE TO PERSONAL BELIEFS**

Elements in the curricula or instructional program (films, videotapes, audiotapes, stories, activities, etc.) that parents find objectionable on the basis of personal beliefs may be replaced, upon approval from the campus principal, for individual students. Parents or other persons having lawful responsibility for the student must notify the teacher of their objections and of their desire for alternate assignments for their student.

Parents must also inform the teacher when they do not want their student to participate in activities to which they object on the basis of their beliefs. These may include, but are not limited to, the recitation of the pledges to the flags, celebrations of certain holidays, participation in school parties, etc.

The school will make every effort to honor requests for alternate assignments or exemption from activities. It cannot do so, however, if it does not know of the parents’ objections. Parents are strongly encouraged to discuss their concerns with the teacher and communicate their desires as early in the school year as possible.

**STUDENT FINANCIAL AID AND HIGHER EDUCATION**

Students receive information about higher education throughout high school. The counseling department will provide workshops such as College Night, Financial Aid Night and work with students individually to achieve their post secondary goals.

Students interested in applying for scholarships and/or financial aid should contact Student Transition Liaison, Amanda White, in the counselor’s office.

**TEXAS GRANT**

The Texas Legislature established the TEXAS (Towards EXcellence, Access and Success) Grant to make sure that well-prepared high school graduates with financial need could go to college.
Who can apply? Students who...

For an initial award

- Are Texas residents
- Have not been convicted of a felony or crime involving a controlled substance
- Show financial need
- Have an EFC less than or equal to 4000
- Register for the Selective Service or are exempt from this requirement

AND

- Be a graduate of an accredited high school in Texas not earlier than the 1998-99 school year
- Complete the Recommended High School Program or Distinguished Achievement Program in high school
- Enroll in a non-profit public college or university in Texas within 16 months of graduation from a public or accredited private high school in Texas and
- Have accumulated no more than 30 semester credit hours, excluding those earned for dual or concurrent courses or awarded for credit by examination (AP, IB or CLEP).

How can you apply?

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

Additional Information

Your eligibility for this program is determined by the financial aid office at your college. Contact your college financial aid office for additional information on eligibility or availability of funds.

To read more about this program check out: Texas Education Code, §56.301 and Coordinating Board Rules, Chapter 22 L.

TEXAS VIRTUAL SCHOOL NETWORK (TxVSN)

Students enrolled at Deer Park High School may be eligible to take online courses through the Texas Virtual School Network. TxVSN offers courses during the fall, spring and two summer sessions.

There is a cost involved.

Courses offered will vary. To see what courses are being offered and the cost, you may check the TxVSN course catalog at http://www.txvsn.org/TxVSNCatalog/HighSchool.aspx.

Students may only enroll in TxVSN through the district. If you are interested in taking a class, you will need to talk to your counselor.

TRANSCRIPTS

Transcripts are requested through the registrar’s office. Students and parents of students may obtain an unofficial transcript at any time with proper identification. However, official transcripts will be handled by the registrar’s office and the receiving school, university or place of business.

According to the state’s revised minimum standards for transcripts: “The words ‘Official Copy’ imply that the AAR (transcript) is transmitted directly from the school to the authorized requesting institution without the possibility of alteration.”
Graduation Requirements
HB 5 mandates that all students entering Grade 9 in 2014 must enroll in the Foundation High School Program and declare an Endorsement from the following options: STEM, Business and Industry, Public Services, Arts and Humanities, Multidisciplinary Studies.

### Texas State Foundation Program Graduation Requirements

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Credits</th>
<th>Courses</th>
</tr>
</thead>
</table>
| English Language Arts          | 4       | **Required:** English I, II, and III (English I and II for Speakers of Other Languages may be substituted for English I and II for students with limited English proficiency who are at the beginning or intermediate levels of English language proficiency)  
**Fourth Credit may be selected from the following courses:** English IV, Advanced Broadcast Journalism III, Advanced Journalism: Newspaper III, Advanced Journalism: Yearbook III, AP English Literature and Composition |
| Mathematics                   | 3       | **Required:** Algebra I and Geometry  
**Third credit may be selected from the following courses:** Algebra II, Precalculus, College Prep Math, AP Statistics, AP Computer Science |
| Science                       | 3       | **Required:** Credit One: PAP Biology OR Biology  
**Credit Two from:** Integrated Physics and Chemistry, Chemistry, PAP Chemistry, Applied Physics OR Principles of Technology  
**Third credit may be selected from the following courses:** Aquatic Science, Astronomy, Earth and Space Science, Environmental Systems, AP Physics I, AP Physics C, AP Environmental Science, Advanced Animal Science, Anatomy and Physiology, Forensic Science. |
| Social Studies                | 3       | **Required:** US History, Government (1/2 credit), Economics (1/2 credit)  
**Third credit may be selected from the following courses:** World Geography Studies, World History Studies |
| Languages other than English  | 2       | Any two levels (I and II) of the same language: Spanish, French, German, Spanish for Spanish Speakers OR two credits in computer programming languages |
| Physical Education            | 1       | The required credit may be from any combination of the following one-half to one credit courses:  
- Foundations of Personal Fitness  
- Adventure/Outdoor Education  
- Aerobic Activities  
- Team or Individual Sports  
In accordance with local district policy, credit for any of the courses listed above may be earned through participation in the following activities:  
- Athletics  
- JROTC  
- Aerobic Activities  
- Appropriate private or commercially-sponsored physical activity programs conducted on or off campus  
In accordance with local district policy, up to one credit for any of the courses listed above may be earned through participation in the following activities:  
- Drill Team  
- Marching Band  
- Cheerleading  
All allowed substitution activities must include at least 100 minutes per five-day school week of moderate to vigorous physical activity. Credit may not be earned for any TEKS-based course more than once. No more than four substitution credits may be earned through any combination of substitutions |
| Fine Arts                     | 1       | **One credit from any of the following:**  
Art Level I - IV, Dance Level I - IV, Music Level I - IV, Theatre, Level I - IV, Principles and Elements of Floral Design (CTE), Digital Art & Animation, 3D Modeling & Animation |
| Elective Courses              | 5       | **Five credits from any of the following:**  
The list of courses approved by the SBOE for grades 9 - 12 (relating to Essential Knowledge and Skills) |
## Academic Achievement Acknowledgements

<table>
<thead>
<tr>
<th>Purpose of the Performance Acknowledgements</th>
<th>Performance acknowledgements recognize students who demonstrate levels of performance equivalent to college students or work done by professionals in the arts, sciences, business, or industry.</th>
</tr>
</thead>
</table>
| Standards for Approval of Requirements     | Student performance is assessed in the following individual fields. A student may earn a performance acknowledgement on the student’s diploma and transcript for:  
1. Outstanding performance in a dual credit course by taking at least twelve hours of college academic courses with a grade of 3.0 or higher equivalent on a 4.0 scale OR by earning an associate degree while in high school  
2. Bilingualism and biliteracy by meeting the exit criteria for a bilingual or English as a Second Language (ESL) program and scoring at the Advanced High Level on the Texas English Language Proficiency Assessment System (TEL-PAS).  
3. Outstanding performance on a College Board Advanced Placement (AP) test by earning a score of 3 or above on at least one AP examination.  
4. Outstanding performance on the PSAT, SAT, or the ACT by earning a PSAT score qualifying the student for recognition by the College Board and National Merit Scholarship Corporation, earning a combined critical reading and mathematics score of at least 1250 on the SAT, or earning a composite score on the ACT of 28 or higher (excluding writing subscore).  
5. Earning a nationally or internationally recognized business or industry certification or license. |
| Distinguished Level of Achievement          | Further recognition as distinguished level of achievement may additionally be earned by completing:  
1. Four credits in math, which must include Algebra II.  
2. Four credits in science.  
3. The remaining curriculum requirements  
4. The curriculum requirements for at least one endorsement.  
Distinguished level of achievement must be earned to be eligible for top 10% automatic admission. |
**DPISD Course Offerings By Endorsement**

**CTE STEM**
- Prin of Manufacturing (Tech Lab)
- Intro to Computer Science
- Prin of Computer Sci (AP)

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**Tech Apps**
- Adv Computer Science (H)
- Mobile Applications
- Robotics
- Game Programming

---

**Prin of Human Svc**
- Prin of Health Science
- JROTC

---

**Education and Training**
- Human Growth
- Edu & Child Care Career Prep I & II

---

**Health Science**
- Medical Terminology
- Health Sci. Theory/Classicals
- Pharmacology
- Prac. Health Science I & II

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**Human Services**
- Nutrition Wellness
- Interpersonal Studies
- Child Development
- Child Guidance
- Counseling Mental Health
- Fam & Community Sys.

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**Law, Public Safety**
- Law Enforcement I & II
- Forensic Science

---

**Band**
- Color Guard I
- Choir I
- Orchestra I
- Theatre Arts I
- Technical Theatre I

---

**Art**
- Lang Other Than English 1 (LOTE)

---

**Fine Arts**
- Band 2-4
- Color Guard 2-4
- Choir 2-4
- Vocal Ensemble 1 & 2
- Orchestra 2-4
- Instrumental Ensemble 1-3
- Music Theory 1-2
- Theatre Production 1-3
- Technical Theatre 1-3
- Dance 1-4
- Drawing 2
- Sculpture 2
- Painting 2
- Ceramics 2
- Graphic Des & Illustration 3
- Drawing Portfolio (AP)
- 2 Dimen Design Portfolio (AP)
- 3 Dimen Design Portfolio (AP)
- Floral Design I
- Digital Art & Animation
- 3D Modeling & Animation

---

**Lang Other Than English (LOTE)**
- Spanish 2-3
- Spanish 4 (Dual Language)
- French 2-3
- German 2-3
- Intro to Computer Science
- Principles of Comp Sci (AP)
- Computer Science A (AP)
- Adv Computer Science (H)

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**Social Studies**
- W. History of Sports
- American History of Film
- Personal Financial Literacy
- Independent Research
- PALS
- Psychology (SJC)
- Sociology (SJC)

---

*Note: Courses listed in bold & italicized are available for 9th grade North Campus students.*

*Updated: 11/19*
Course Offerings
<table>
<thead>
<tr>
<th>Course</th>
<th>Grade Level</th>
<th>Credit</th>
<th>Course Numbers</th>
<th>Semester Offered</th>
<th>Comments (PREREQUISITES)</th>
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<tr>
<td>Art I</td>
<td>4</td>
<td>1.0</td>
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<td>YR</td>
<td>Art I</td>
</tr>
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<td>YR</td>
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<td>Sculpture II</td>
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<td>1.0</td>
<td>906</td>
<td>YR</td>
<td>Art I</td>
</tr>
<tr>
<td>Painting II</td>
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<td>907</td>
<td>YR</td>
<td>Art I</td>
</tr>
<tr>
<td>Ceramics II</td>
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<td>Art I</td>
</tr>
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<td>Graphic Design &amp; Illustration III</td>
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<tr>
<td>Two Dimen Design Portfolio (AP)</td>
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<td>Three Dimen Design Portfolio (AP)</td>
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<td>YR</td>
<td>Art I</td>
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<td>Digital Art &amp; Animation</td>
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<tr>
<td>3D Modeling &amp; Animation</td>
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<td>YR</td>
<td>Digital Art &amp; Animation or teacher approval</td>
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<tr>
<td>Floral Design I</td>
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<td>1.0</td>
<td>935</td>
<td>YR</td>
<td>$50 fee or sponsor support, fine arts credit</td>
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<td>Theatre Arts I</td>
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<td>937</td>
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<tr>
<td>Technical Theatre I</td>
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<td>Theatre Production III</td>
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<td>941</td>
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<tr>
<td>Theatre Production III (H)</td>
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<td>942</td>
<td>YR</td>
<td>Theatre Arts I &amp; II or Theatre Arts I and Tech I, Theatre II and teacher approval</td>
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<tr>
<td>Theatre Production IV</td>
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<td>YR</td>
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<tr>
<td>Band I</td>
<td>4</td>
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<td>944</td>
<td>YR</td>
<td>Director's approval required. Marching Band satisfies 1/2 credit of PE when taken in the FALL semester. Must be taken in the FALL semester. Must be taken in sequence.</td>
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<tr>
<td>Band II</td>
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<td>Band III</td>
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<td>947</td>
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<td>Choral Music II</td>
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<td>Band IV</td>
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<td>YR</td>
<td>Choral Music II</td>
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<td>Band IV (H)</td>
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<td>949</td>
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<td>Choral Music II</td>
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<tr>
<td>Instrumental Ensemble Band (Levels I-3)</td>
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<td>950</td>
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<td>Audition and approval of director</td>
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<tr>
<td>Choral Music I</td>
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<td>951</td>
<td>YR</td>
<td>Choral Music II</td>
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<td>Choral Music II</td>
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<td>952</td>
<td>YR</td>
<td>Choral Music II</td>
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<td>Choral Music III</td>
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<td>953</td>
<td>YR</td>
<td>Choral Music II</td>
</tr>
<tr>
<td>Choral Music IV</td>
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<td>1.0</td>
<td>954</td>
<td>YR</td>
<td>Director approval, audition &amp; chorale member</td>
</tr>
<tr>
<td>Vocal Ensemble I (Swing Choir)</td>
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<td>1.0</td>
<td>955</td>
<td>YR</td>
<td>Director approval, audition &amp; chorale member</td>
</tr>
<tr>
<td>Vocal Ensemble II (Swing Choir)</td>
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<td>1.0</td>
<td>956</td>
<td>YR</td>
<td>Director approval, audition &amp; chorale member</td>
</tr>
<tr>
<td>Orchestra I</td>
<td>4</td>
<td>1.0</td>
<td>957</td>
<td>YR</td>
<td>Audition and approval of director; courses must be taken in sequence</td>
</tr>
<tr>
<td>Orchestra II</td>
<td>4</td>
<td>1.0</td>
<td>958</td>
<td>YR</td>
<td>Orchestra I; audition and approval of director; courses must be taken in sequence</td>
</tr>
<tr>
<td>Orchestra III</td>
<td>4</td>
<td>1.0</td>
<td>959</td>
<td>YR</td>
<td>Orchestra I; audition and approval of director; courses must be taken in sequence</td>
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<tr>
<td>Orchestra III (H)</td>
<td>4</td>
<td>1.0</td>
<td>960</td>
<td>YR</td>
<td>Orchestra I; audition and approval of director; courses must be taken in sequence</td>
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<td>Orchestra IV</td>
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<td>Orchestra IV (H)</td>
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<td>962</td>
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<td>Orchestra III and director's approval</td>
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Fine Arts courses con't on next page
<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>South Campus Course Numbers</th>
<th>Number of Credits</th>
<th>Semester Offered</th>
<th>Comments (PREREQUISITES)</th>
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<tbody>
<tr>
<td>Inst Ensemble Orchestra (Levels 1-3)</td>
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<td>10-12</td>
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<tr>
<td>Music Theory I</td>
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<td>10-12</td>
<td>736</td>
<td>1.0</td>
<td>YR</td>
<td>Membership in band, orchestra, or choir &amp; director's approval</td>
</tr>
<tr>
<td>Music Theory AP</td>
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<td>10-12</td>
<td>703</td>
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<tr>
<td>Dance I</td>
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<td>10-12</td>
<td>754</td>
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<td>YR</td>
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<td>Dance II</td>
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<td>10-12</td>
<td>755</td>
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<td>YR</td>
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<td>Dance III</td>
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<td>11-12</td>
<td>756</td>
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<td>Dance IV</td>
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<td>12</td>
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<td>Escorts (Drill Team) (Levels I-IV)</td>
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<td>YR</td>
<td>Level I = A4, Level II = B4, Level 3 = C4, Level IV = D4</td>
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<tr>
<td>Dreamscape (Ensemble) (Levels I-III)</td>
<td>4</td>
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<td>967</td>
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<td>YR</td>
<td>Level I = A4, Level II = B4, Level 3 = C4</td>
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<tr>
<td>Physical Education</td>
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<tr>
<td>PE 1-Team Sports Boys</td>
<td>4</td>
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<td>902</td>
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<tr>
<td>PE 2-Team Sports Boys</td>
<td>4</td>
<td>10-12</td>
<td>903</td>
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<tr>
<td>PE 3-Team Sports Boys</td>
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<td>905</td>
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<tr>
<td>PE 1-Weight Training</td>
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<td>10-12</td>
<td>908</td>
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<td>PE 3-Weight Training</td>
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<td>910</td>
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<td>1,2</td>
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<td>PE 1-Aerobics</td>
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| Language Arts courses con't on next page |

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### Language Arts (con’t)

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Mathematics courses con’t on next page
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### Science

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Science courses con’t on next page
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### Social Studies

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**Architecture & Construction**

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**Arts, A/V Technology & Communications**

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**Business, Management & Administration**

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<tr>
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<td>4</td>
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<td>1.0</td>
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<td>4</td>
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<tr>
<td>Human Growth and Development</td>
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<td>Education and Child Care Career Prep I</td>
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<tr>
<td>Extended Education and Child Care Prep I</td>
<td>4</td>
<td>11-12</td>
<td>875B</td>
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<td>873A</td>
<td>2.0</td>
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<td>873B</td>
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*Career and Technical Education (CTE) courses con’t on next page*
### Career and Technical Education (CTE) (con't)

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<thead>
<tr>
<th>Course</th>
<th>Grade Level</th>
<th>North Campus Course Numbers</th>
<th>South Campus Course Numbers</th>
<th>Number of Credits</th>
<th>Semester Offered</th>
<th>Comments (PREREQUISITES)</th>
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<tbody>
<tr>
<td>Intro to Culinary Arts</td>
<td>4</td>
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<tr>
<td>Culinary Arts I (2 Periods)</td>
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<td>116 2.0</td>
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<td>Advanced Culinary Arts (2 prds)</td>
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<td>138 2.0</td>
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<td>Food Science</td>
<td>4</td>
<td>12</td>
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<td>774 1.0</td>
<td>YR</td>
<td>Bio and IPC or Chem, 4th yr science, $15 fee</td>
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#### Human Services

<table>
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<th>Number of Credits</th>
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<td>Principles of Human Services</td>
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<td>9</td>
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<tr>
<td>Counseling &amp; Mental Health</td>
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<td>10-12</td>
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<td>786 1.0</td>
<td>YR</td>
<td>Principles of Human Services recommended</td>
</tr>
<tr>
<td>Child Guidance</td>
<td>4</td>
<td>10-12</td>
<td></td>
<td>671 2.0</td>
<td>YR</td>
<td>$10, Prin. of Human Services, Child Dev. recommended</td>
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<tr>
<td>Lifetime Nutrition &amp; Wellness</td>
<td>4</td>
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<td></td>
<td>844 0.5 1,2</td>
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<td>Recommended to take Lifetime and Interpersonal Studies in same year</td>
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<tr>
<td>Interpersonal Studies</td>
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<td>841 0.5 2</td>
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<td>Recommended to take Lifetime and Interpersonal Studies in same year</td>
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<tr>
<td>Child Development</td>
<td>4</td>
<td>10-12</td>
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<td>843 1.0</td>
<td>YR</td>
<td>Prin of Human Services recommended</td>
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<tr>
<td>Family &amp; Community Services</td>
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<td>675 1.0</td>
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#### Information Technology

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<th>Semester Offered</th>
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<td>Digital Media</td>
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<td>Web Technologies</td>
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<td>355 1.0</td>
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<td>Computer Maintenance</td>
<td>6</td>
<td>11-12</td>
<td></td>
<td>849 1.0</td>
<td>YR</td>
<td>Dual credit, Electronics recommended; taught at San Jacinto College</td>
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<tr>
<td>Computer Programming</td>
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<td>375 1.0</td>
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<td>Dual Credit; Comp Maintenance</td>
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<td>Comp Technician Practicum</td>
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<td>866 2.0</td>
<td>YR</td>
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<td>Internetworking Technologies I (CISCO)</td>
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<td>8501 1.0 1</td>
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<tr>
<td>Internetworking Technologies II (CISCO)</td>
<td>6</td>
<td>12</td>
<td></td>
<td>8502 1.0 1</td>
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<td>Dual Credit Taught at SJC; CISCO I</td>
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#### Law, Public Safety, Corrections & Security

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<th>South Campus Course Numbers</th>
<th>Number of Credits</th>
<th>Semester Offered</th>
<th>Comments (PREREQUISITES)</th>
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<td>Law Enforcement I</td>
<td>4</td>
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<td>799 1.0</td>
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<td>Law Enforcement II</td>
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<td>864 1.0</td>
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<tr>
<td>Forensic Science</td>
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<td>11-12</td>
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<td>458 1.0</td>
<td>YR</td>
<td>Chemistry/Biology; Law Enforcement I recommended</td>
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#### Manufacturing

<table>
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<th>Course</th>
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<th>North Campus Course Numbers</th>
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<th>Number of Credits</th>
<th>Semester Offered</th>
<th>Comments (PREREQUISITES)</th>
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<tbody>
<tr>
<td>Principles of Manufacturing (Tech Lab)</td>
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<td>9</td>
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<td>760 1.0</td>
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<td>Fulfills North only; $25 lab fee each semester</td>
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<tr>
<td>Petro Chem - Safety</td>
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<td>829 0.5 2</td>
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<td>SJC Dual Credit</td>
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<td>Intro to Process Tech</td>
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#### Marketing Sales & Service

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<th>South Campus Course Numbers</th>
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<th>Semester Offered</th>
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<tbody>
<tr>
<td>Principles of Business, Marketing &amp; Finance</td>
<td>4</td>
<td>9-12</td>
<td>610</td>
<td>610 1.0</td>
<td>YR</td>
<td>Offered only at Wolters &amp; North</td>
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<tr>
<td>Fashion Marketing (Fall)</td>
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<td>897 0.5 1</td>
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<tr>
<td>Entrepreneurship</td>
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<td>828 1.0</td>
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<td>Sports &amp; Entertainment Marketing</td>
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<td>10-12</td>
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<td>791 0.5 1,2</td>
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<tr>
<td>Advertising (Spring)</td>
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<td>10-12</td>
<td></td>
<td>790 0.5 2</td>
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<td>2nd semester only; Principles of Business, Marketing &amp; Finance recommended</td>
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<td>11-12</td>
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<td>YR</td>
<td>Information Sheet</td>
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<td>683B 3.0</td>
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<td>Information Sheet</td>
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Career and Technical Education (CTE) courses con't on next page
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<th>Semester</th>
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**Science, Technology, Engineering & Mathematics (STEM)**

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<td>Principles of Applied Engineering</td>
<td>4</td>
<td>10-12</td>
<td>682</td>
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<td>Can take concurrently with Eng Des I, $20 fee</td>
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<tr>
<td>Principles of Technology Applied Physics</td>
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<td>413</td>
<td>1.0 YR</td>
<td>IPC, Biology, Algebra I, Science Credit</td>
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<td>Engineering Design &amp; Presentation I</td>
<td>4</td>
<td>11-12</td>
<td>810</td>
<td>1.0 YR</td>
<td>Can take Prin of App Eng concurrently, $15 fee</td>
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<td>Engineering Design &amp; Presentation II</td>
<td>4</td>
<td>12</td>
<td>691</td>
<td>2.0 YR</td>
<td>Eng Des &amp; Pres I required, $15</td>
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**Transportation, Distribution & Logistics**

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<td>Practicum in Transportation Sys I</td>
<td>6</td>
<td>11-12</td>
<td>614A</td>
<td>2.0 YR</td>
<td>Information Sheet required, Taught at SJC, Dual Credit</td>
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<td>Ext Practicum in Transpation Sys II</td>
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<td>12</td>
<td>614B</td>
<td>3.0 YR</td>
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<tr>
<td>Collision Repair/Refinishing</td>
<td>6</td>
<td>11-12</td>
<td>793</td>
<td>2.0 YR</td>
<td>Information Sheet required, Taught at SJC - South Campus, Dual Credit; (2 credits)</td>
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<tr>
<td>Paint and Refinishing</td>
<td>6</td>
<td>12</td>
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**Career Preparation/Practicum (Co-op) Programs**

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<th>Comments (PREREQUISITES)</th>
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<tbody>
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<td>2.0 YR</td>
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<td>11-12</td>
<td>823B</td>
<td>3.0 YR</td>
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<tr>
<td>Practicum in Business Mgmt.I</td>
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<td>12</td>
<td>943A</td>
<td>2.0 YR</td>
<td>Info Sheet required, Technology App. credit, $20 fee</td>
</tr>
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<td>12</td>
<td>943B</td>
<td>3.0 YR</td>
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<tr>
<td>Education &amp; Child Care Career Prep I</td>
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<td>11-12</td>
<td>875A</td>
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<td>Information Sheet required, Students must be 16 years old and provide own transportation</td>
</tr>
<tr>
<td>Extended Education &amp; Child Care Career Prep I</td>
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<td>11-12</td>
<td>875B</td>
<td>3.0 YR</td>
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<tr>
<td>Education &amp; Child Care Career Prep II</td>
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<td>873A</td>
<td>2.0 YR</td>
<td>Information Sheet required, Students must be 16 years old and provide own transportation</td>
</tr>
<tr>
<td>Extended Education &amp; Child Care Career Prep II</td>
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<tr>
<td>Practicum in Health Science I</td>
<td>4</td>
<td>11-12</td>
<td>888</td>
<td>2.0 YR</td>
<td>Theory or Clinical/Information Sheet required</td>
</tr>
<tr>
<td>Practicum in Health Science II</td>
<td>4</td>
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<td>891</td>
<td>3.0 YR</td>
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**Career and Technical Education (CTE) (con’t)**

Career and Technical Education (CTE) courses con’t on next page
<table>
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<tr>
<th>Course</th>
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<th>South Campus Course Numbers</th>
<th>Number of Credits</th>
<th>Semester Offered</th>
<th>Comments (PREREQUISITES)</th>
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<td>683A</td>
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<td>Extended Practicum in Marketing II</td>
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<td>Counselor Co-Op</td>
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Course Descriptions
Successful completion of one full credit of the same fine arts course is required to meet graduation requirements. Additional courses may be used to fulfill elective requirements for all programs. Art supplies for these courses are consumable, therefore an art material charge per semester will be required. Students do have an option, however, to provide their own supplies.

**Fine Arts Honors Courses** - Fine Arts courses are available for Honors Credit in Band, Choir, Orchestra and Theatre. Only 11th and 12th grade students who are enrolled in their 3rd or 4th year of that particular Fine Arts course sequence may apply. Additional requirements of each discipline, which include individual competitions, written assignments, and other performance oriented evaluations. Approval to be enrolled for Honors must be given by the teacher of that class.

### Art I

**Grades 9-12, 1 credit**

Art I is the first level of art expression. Students will cover four basic strands of perception, creative expression, historical and cultural heritage, and critical evaluation. Careers available through art will be covered. By analyzing artistic styles and historical periods, students develop respect for the traditions and contributions of diverse cultures. Numerous mediums will be used. A $15.00 art material charge per semester will be required to cover student projects.

**PREREQUISITES:** None

### Drawing II

**Grades 10-12, 1 credit each**

This course will provide drawing experiences with numerous mediums. Drawing II students will plan and execute complex works through research in a sketchbook from visual structures in nature and man-made environment. Students will incorporate their findings to visual themes. Drawing II students will collect work for a personal portfolio as a record of growth and as the basis for future planning. A $20.00 materials charge per semester will be required to cover student’s projects.

**PREREQUISITES:** Art I

### Sculpture II

**Grades 10-12, 1 credit**

Sculpture II is a course for students interested in 3D design. Sculpture II students will maintain a sketchbook to create a visual repository, precise observation and documentation of the characteristics of various sculptural materials. Students will collect work for a personal portfolio as a record of growth and a basis for future planning. A $20.00 art material charge per semester will be required to cover student projects.

**PREREQUISITES:** Art I

### Painting II

**Grades 10-12, 1 credit**

Painting II students will create original paintings with various techniques and media. Students will use a sketchbook for visual notation, research, and planning of original paintings. They will search in their natural and man-made environment and incorporate their findings to visual themes. Students collect work for a personal portfolio as a record of growth and as a basis for future planning. A $20.00 art material charge per semester will be required to cover student projects.

**PREREQUISITES:** Art I

### Ceramics II

**Grades 10-12, 1 credit**

Ceramics II is a course for the student who is interested in 3D design. The students will maintain a sketchbook to create a visual repository, precise observation and documentation of the pieces through notes throughout the process and by drawing the actual finished piece. Students will learn the different components of the use of various forms of clay. Ceramics II students will collect work for a personal portfolio as a record of growth and a basis for future planning. A $20.00 materials charge per semester will be required to cover student projects.

**PREREQUISITES:** Art I
### Graphic Design & Illustration III

**Grades 11-12, 1 credit**

Graphic Design III is a third level course of art expression. Students will generate ideas for their work by examining their environment, researching design ideas from the past and analyzing designs of the present. Students combine knowledge of design elements with expertise in other areas using numerous mediums. They collect work for a personal portfolio as a record of growth and a basis for future planning. A $25.00 art material charge per semester will be required to cover student projects.

**PREREQUISITES:** Any second level art class

### Drawing Portfolio (AP)

**Grade 12, 1 credit**

Any student seeking to take this class must be a self-disciplined, self-motivated and very serious worker. The portfolio requires 44 pieces of work that focus on various styles, subject and media of drawing. Students who successfully complete this course may have the opportunity to acquire college credit through the College Board Advanced Placement Program. A $15.00 art material charge per semester will be required to cover student projects. In addition, approximately $25.00 will be required for students to purchase individual supplies to cover student projects.

**PREREQUISITES:** Any level II art course and teacher recommendation

### Two-Dimensional Design Portfolio (AP)

**Grade 12, 1 credit**

The Advanced Placement Two-Dimensional Design Portfolio course enables highly motivated students to college-level work in studio art while still in high school. The course involves significantly more time and commitment than most high school courses and is intended for students seriously committed to studying art. The evaluation for college credit of students enrolled in the AP course is not based on a written examination. The portfolio is intended to address a very broad interpretation of two-dimensional design issues. This type of design involves purposeful decision-making about how to use the elements and principles of art in an integrative way. For this portfolio, students are asked to demonstrate proficiency in two-dimensional design using a variety of art forms. These could include, but are not limited to, graphic design, digital imaging, photography, collage, fabric design, illustration, painting, and print making. A $15.00 fee per semester will be required to cover student projects.

**PREREQUISITES:** Any level Art II course and teacher recommendation

### Three-Dimensional Design Portfolio (AP)

**Grade 12, 1 credit**

The Advanced Placement Three-Dimensional Portfolio course enables highly motivated students to college-level work in studio art while still in high school. The course involves significantly more time and commitment than most high school courses and is intended for students seriously committed to the study of art. The evaluation for college credit of students enrolled in the AP course is not based on a written examination. The portfolio is intended to address a very broad interpretation of sculptural issues in depth and space. Such elements and concepts can be articulated through additive, subtractive, and/or fabrication processes. A variety of approaches might include jewelry, traditional sculpture, architectural models, apparel, ceramics, fiber arts, or metal works. A $15.00 fee per semester will be required to cover student projects.

**PREREQUISITES:** Any level Art II course and teacher recommendation

### Digital Art /Animation

**Grades 10-12, 1 credit**

Digital Art & Animation provides a foundation in the fundamental of design within the art and graphic profession. The course covers software such as Adobe Photoshop, Adobe Flash, and Adobe Illustrator, as well as image scanning, digital editing, computer design basics, commercial art fundamentals and creative problem solving. Students will develop the basic knowledge, concepts, technical skills, and vocabulary necessary for creating digital art and animation. Required lab fee of $15.

**PREREQUISITES:** none
3D Modeling & Animation  PEIMS 03580510
Grades 10-12, 1 credit
This course uses professional computer software such as 3D Studio Max, Photoshop, and Premiere to create 3D objects, textures, lighting, and animation in a 3D environment that could be used in games, movies, and designs. Required lab fee of $15.00.

PREREQUISITES: Digital Art & Animation or Teacher Recommendation

Principles and Elements of Floral Design I  PEIMS 13001800
Grades 10-12, 1 credit
Students will receive Fine Arts credit for successful completion of this course. This course is designed to develop skills in the design and arrangement of flowers, foliage, and related plant materials. Topics may include career opportunities, business management, flower identification, and multiple arrangement styles. Leadership skills are promoted in this course and involvement in FFA is strongly encouraged. A fee of $50 will be charged for material use in this course by student or sponsor. Arrangements will be taken home by students if floral fee is paid by student.

PREREQUISITES: None

Practicum in Ag, Food, & Natural Resources  (Floral Design)  PEIMS 13002500
Grade 12, 2 credits
This course is a continuation of the Problems and Solutions in AFNR (Floral Design) course providing more in-depth opportunities for students to increase their knowledge and skills in the floral design industry. Leadership skills are promoted in this course and involvement in FFA is strongly encouraged. A fee of $80 will be charged for material use in this course. Arrangements will be taken home by student.

PREREQUISITES: Principles and Elements of Floral Design, P & S in AFNR (Floral Design), and successful completion of the Floral Certification test.

Theatre Arts I  PEIMS 03250100
Grades 9-12, 1 credit
Theatre Arts I is an introductory survey course that provides exposure to theatre as an art form. Students will study units on the fundamentals of acting, theatre history, theatrical careers, and theatrical literature. Theatre Arts I fulfills the Fine Arts requirement for graduation and is a pre-requisite for enrollment in the more advanced Theatre Arts courses.

PREREQUISITES: None

Theatre Production II  PEIMS 03250800
Grades 10-12, 1 credit
Theatre Arts II is an intensive study of acting theory and style. Students will explore various styles of acting from classical era to the more contemporary performance theories of today. Strong memorization skills are an essential element to successful participation in this course.

PREREQUISITES: Theatre Arts I, Teacher recommendation required

Technical Theatre I  PEIMS 03250500
Grades 9-12, 1 credits
Technical Theatre I offers students practical experiences in set design and construction, lighting design and rigging, sound design and instrumentation, costume design, and front of house management. “Tech Theatre” is highly recommended for enrollment in Theatre III, but is not mandatory if the student has previously taken Theater Arts I & II.

Technical Theatre II  PEIMS 03250600
Grades 10-12, 1 credit
Technical Theatre II offers more extensive experiences in the realm of technical theatre and includes active participation in technical support for all DPHS productions.

PREREQUISITES: Technical Theatre I

Technical Theatre III  PEIMS 03251100
Grade 11-12, 1 credit
Technical Theatre III offers extensive experiences in the realm of technical theatre. This class is for the serious student only, as they will be acting as student liaisons for the technical theatre director and are expected to participate in all
DPHS productions, from the design phase through the completion of each show.

**PREREQUISITES: Technical Theatre II**

**Theatre Production III/III (H) and IV/IV (H)**

*PEIMS 03250900, 03251000*

**Grades 11-12, 1 credit**

Theatre Arts III is an advanced, intensive study of acting, directing, designing, and potential careers in theatre. Theatre III and IV are designed for juniors and seniors only and will assist any interested students in preparation for the application and audition process for admission to collegiate theatre programs.

**PREREQUISITES:** Combination of two previous theatre classes (Theatre Arts I and II or Theatre Arts I and Technical Theatre I) and teacher approval

**NOTE:** Concurrent enrollment in Technical Theatre and Theatre Arts II is allowable. Concurrent enrollment in Technical Theatre II is also allowable if the student has already taken Theatre Arts II. Concurrent enrollment in Technical Theatre II and any other advanced theatre course is also allowable.

**Band I-IV**

*PEIMS 03150100, 03150200, 03150300, 03150400*

**Grades 9-12, 1-4 credits**

Band is available for all interested students. All members are required to participate in the marching band during the fall semester (exception: fall athletes and Deer Escorts). Students later audition for one of several concert bands that perform during the spring semester. All bands perform at a variety of events including football games, parades, concerts, and UIL competitions. Participation in band satisfies both the fine arts and 1/2 physical education credits required by the state of Texas when taken in the fall semester. Must be taken in sequence.

**PREREQUISITES:** Audition and approval of director

**NOTE:** All music organizations have required rehearsals and performances outside the regular school day. After school performances and practices are included when determining the grade.

**Instrumental Ensemble Band I - III**

*PEIMS 03151700, 03151800, 03151900*

**Grades 10-12, 1-3 credits**

Offered to those instrumental students who are serious in perfecting their musical abilities, this course is designed to assist the student in developing his/her skills through individual practice and assistance of the director in a class or individual lesson setting.

**PREREQUISITES:** Membership in band and director's approval

**Choral Music I-IV**

*PEIMS 03150900, 03151000, 03151100, 03151200*

**Grades 9-12, 1-4 credits**

Choral Music is for those students who are interested in choral performance and want to improve their skills and techniques for participation in the choir program. Students will perform in concert programs and participate in UIL contests.

**PREREQUISITES:** Audition and approval of director, Choral Music I, II, III

**Vocal Ensemble I (Swing Choir)**

*PEIMS 03152100*

**Grades 11-12, 1 credit**

This class is designed for the students interested in small vocal ensemble performance. Students will have the opportunity to perform popular music with ensemble accompaniment.
PREREQUISITES: Audition and approval of director; must be a member of a choral music class

NOTE: All music organizations have required rehearsals and performances outside the regular school day. After school performances and practices are included when determining the grade.

Vocal Ensemble II (Swing Choir)  PEIMS 03152200
Grade 12, 1 credit
This class is designed for the students interested in small vocal ensemble performance. Students will have the opportunity to perform popular music with ensemble accompaniment.

PREREQUISITES: Audition and approval of director; must be a member of a choral music class

NOTE: All music organizations have required rehearsals and performances outside the regular school day. After school performances and practices are included when determining the grade.

Orchestra I-IV  PEIMS 03150500, 03150600, 03150700, 03150800
Grades 9-12, 1-4 credits
Orchestra is a performing group available to all interested string players. Approval and placement will be made by the director.

PREREQUISITES: Audition and approval of director

Instrumental Ensemble Orchestra I- III  PEIMS 03151700, 03151800, 03151900
Grades 10-12, 1-3 credits
Offered to those instrumental students who are serious in perfecting their musical abilities, this course is designed to assist the student in developing his/her skills through individual practice and assistance of the director in a class or individual lesson setting.

PREREQUISITES: Membership in orchestra and director’s approval

Music Theory I  PEIMS 03155400
Grades 10-12, 1-2 credits
Focusing on the elements and fundamentals of the theory of music, this course is designed for those students who plan to be music majors in college. This college prep course is fast paced and covers such topics as key signatures, rhythm, notations, scales, intervals, transposition, chord structure, form, and analysis. Students will also study music dictation, four part composition, composers and their writings, and basic keyboard harmony.

PREREQUISITES: Membership in band, orchestra, or choir and/or director’s approval

Music Theory AP  PEIMS 03155500
Grades 10-12, 1 credit
The AP Music Theory course roughly parallels the content of a college freshman year theory course but not limited to topics which are usually covered quite late in the undergraduate course of study. In order for the students to be prepared for the AP Music theory exam, the content material is taught at a fast pace. Significant critical/analytical/ creative thinking skills are fostered in most parts of the course, especially in considerations of texture, harmonic progression, formal structuring, and style. AP Examination questions emphasize the synthesis of musical knowledge into usable musical understanding and real world applications.

PREREQUISITES: Membership in band, orchestra or choir and/or director’s approval

Dance I - IV  PEIMS 03830100, 03830200, 03830300, 03830400
Grades 10-12, 1-4 credits
Dance students develop perceptual thinking and moving abilities in daily life. Perception, creative expression/ performance, historical and cultural heritage and critical evaluation provide broad knowledge and skills students are expected to acquire. The knowledge of choreography, proper dance technique, and proper warm-up is also stressed through daily classes and group projects.

PREREQUISITES: None
Physical Education

Physical education is required of all students for graduation. It provides a healthy lifestyle by providing an opportunity to participate in a variety of activities which promote fitness. Different types of Physical Education are provided to meet individual needs. Requiring a physician’s prescription of physical activities, the restrictive physical education program provides the same benefits as the regular program.

1. **Unrestricted** - not limited in activities.
2. **Restricted** - excludes more vigorous activities.
   a. **Permanent Restricted** - The nature of the impairment and expectations for physical activity must be prescribed by a physician.
   b. **Temporary restricted** - The nature of impairment, physical expectations, length of restrictions, and limitations must be prescribed by a physician. During the temporary restriction, students must continue to learn the concepts of the lessons but may not actively participate in the skill demonstration.
3. **Adaptive** - special activities are prescribed by a physician.

There will be a $5 fee per semester for physical education.

The physical education requirement may be satisfied in any of the following ways:

1. Physical Education classes that consist of Team Sports, Aerobics, Weight Lifting and Foundations of Personal Fitness (Wolter’s Only) may be awarded up to 4.0 credits, 1.0 for the required PE credit and 3.0 additional PE credits as electives. PE classes may not be duplicated credit.

2. Physical Education classes that consist of Athletic Sports and Cheer may be awarded up to 4.0 of Athletic Substitution PE credits toward graduation, 1.0 for the required PE credit and 3.0 additional PE credits as electives.

3. Marching Band students may earn 1.0 Fine Arts credit for the year enrolled and 1/2 credit of PE during the fall semester only. Marching Band students may earn 1.0 credit for the required PE credit for graduation.

4. Drill Team and Color Guard students will earn 1.0 Fine Arts credit for participation and 1.0 PE credit during the first year of participation. For years 2-3, they will earn only a Fine Arts credit.
Team Sports I-III (Boys) and I-III (Girls)  

Grades 9-12, 0.5-1 credit

**PEIMS PES00055**

Students are expected to participate in a wide range of individual and team sports that can be pursued for a lifetime. The continued development of health-related fitness and an appreciation for team work and fair play are major objectives of this course.

**PREREQUISITES:** None

Aerobic Activities I-III

**Grades 9-12, 0.5-1 credit**

**PEIMS PES00054**

Students are exposed to a variety of aerobic and weight training activities that promote health-related fitness. A major expectation of this course is for the student to design a personal fitness program that uses aerobic and weight training activities as a foundation.

**PREREQUISITES:** None

Weightlifting I-III

**Grades 10-12, 0.5-1 credit**

**PEIMS PES00053**

Students are exposed to a variety of aerobic and weight training activities that promote health-related fitness. A major expectation of this course is for the student to design a personal fitness program that uses aerobic and weight training activities as a foundation.

**PREREQUISITES:** None

Aerobic Dance

**Grade 9, 1 credit**

**PEIMS PES00054**

Students are exposed to aerobic activity with an emphasis on dance instruction. The knowledge of choreography, proper dance technique and proper warm up is also stressed through daily classes.

**PREREQUISITES:** None

Foundations of Personal Fitness (Wolters Campus only)

**Grades 9-12, 0.5 credit**

**PEIMS PES00052**

The basic purpose of this course is to motivate students to strive for lifetime personal fitness with an emphasis on the health-related components of physical fitness. The knowledge and skills taught in this course include teaching students about the process of becoming fit as well as achieving some degree of fitness within the class.

**PREREQUISITES:** None

Deer Escorts (Drill Team) (Levels I-IV)

**Grades 9-12, 1 credit**

**PEIMS 03833700, 03833800, 03833900, 03834000**

Deer Escorts is a year long extra-curricular drill team organization that satisfies a physical education credit. Selected by qualified outside judges, placement is based on the results of a tryout for girls, sophomore through senior level. Candidates are chosen on the basis of personal character and grade eligibility, determined by their classroom teachers, as well as dance ability. The organization is designed to promote school involvement, school spirit, provide entertainment, and instill a solid foundation for continued dance and fitness training.

**PREREQUISITES:** None

Performance Ensemble (Dreamscape) (Level I-III)

**Grades 10-12, 1 credit**

**PEIMS 03833300, 03833400, 03833500**

This course is open to Escort members by audition only. Auditions for this class take place during the Escort team tryouts in the spring semester. This group is the elite portion of the Deer Escort Drill Team that participates in extra performances.

**PREREQUISITES:** Permission of director
Physical Education Equivalents (Athletics) (Level I-IV)  PEIMS PES00000, PES00001, PES00002, PES00003

Grades 9-12, 1 credit
Numerous team sports and activities are available for all students to enhance their fitness and well-being and to provide opportunities to develop leadership skills and group dynamics. Options include football, volleyball, basketball, baseball, softball, soccer, cross country, track, swimming, diving, tennis, golf, drill team, and cheerleading.
Language Arts

All students must complete four units of English before graduation. Only certain courses can fulfill graduation requirements. Other courses are considered electives. The course descriptions indicate how courses can be used to fulfill requirements for various high school programs.

English I (SOL), English II (SOL) & Reading Apps I and II

Grades 9-12, 1 credit
PEIMS 03200600, 03200700, 03270700, 03270800

English For Speakers of Other Languages (SOL) is designed to develop listening, speaking, reading, writing, and cultural skills which will enable limited English speaking students to make the transition into the regular English program. At the completion of the course, a language proficiency test is administered to determine student placement in the next level. Intermediate levels continue the student’s language development. Must be taken along with Reading Apps I/II.

PREREQUISITES: Eng I SOL - For immigrant students w/limited proficiency. Only 1 credit can satisfy Eng I, taken along with Reading Apps I - Eng II SOL - For immigrant students w/limited proficiency. Only 1 credit can satisfy Eng II, taken along with Reading Apps II

Reading Improvement I/II

Grades 9-12, 1-3 credits
PEIMS 03270700, 03270800

In a workshop environment, students will be provided the opportunities to improve their reading comprehension by developing word attack and interpretation skills. Students will apply these skills in a variety of practical reading situations. Out-of-class reading may be required.

PREREQUISITES: None

English I

Grade 9, 1 credit
PEIMS 03220100

Students enrolled in English I will continue to increase and refine their communication skills. Students will be expected to plan, draft, and complete written compositions on a regular basis. Students will edit their papers for clarity, engaging language, and correct use of the conventions and mechanics of written English and produce final, error-free drafts. In English I, students will practice all forms of writing. An emphasis will be placed on organizing logical arguments with clearly expressed related definitions, theses, and evidence. Students will write to persuade and to report and describe. English I students will read extensively in multiple genres from world literature such as reading selected stories, dramas, novels, and poetry originally written in English or translated to English from oriental, classical Greek, European, African, South American, and North American cultures. Students will learn literary forms and terms associated with selections being read. Students will interpret the possible influences of the historical context.

PREREQUISITES: None

English I (PAP)

Grade 9, 1 credit
PEIMS 03220100

Students meeting the entrance requirements study World Literature and composition. The course offers a more challenging pace and level than the regular classroom as it prepares the student for Advanced Placement. Critical thinking and literary analysis are stressed. PSAT test taking skills and vocabulary development are addressed to prepare students for future college entrance examinations. Composition focuses on literary analysis and argumentation, both writing skills necessary to prepare students for the AP Language and Composition exam.

PREREQUISITES: Strongly Recommend Passing STAAR

English II

Grade 10, 1 credit
PEIMS 03220200

Students enrolled in English II will continue to increase and refine their communication skills. Students will be expected to plan, draft, and complete written compositions on a regular basis. Students will edit their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English and produce final, error-free drafts. In English II, students will practice all forms of writing. An emphasis will be placed on persuasive forms of writing such as logical arguments, expressions of opinion, and personal forms of writing. These personal forms of writing may include a response to literature, a reflective essay, or an autobiographical narrative. English II students will read extensively in multiple genres from world literature such as reading selected stories, dramas, novels, and poetry originally written in English or translated to English from oriental, classical Greek, European, African, South American, and North American cultures. Students will learn literary forms and terms associated with selections being read. Students will interpret the possible influences of the historical context on a literary work.
### English II (PAP)  
**Grade 10, 1 credit**  
PEIMS 03220200  

Students meeting the entrance requirements have the opportunity to study in-depth topics not included in the regular English program. This course focuses on World Literature. Critical thinking and literary analysis are stressed. PSAT test taking skills and vocabulary development are addressed to prepare students for future college entrance examinations. Composition focuses on literary analysis and argumentation, both writing skills necessary to prepare students for the AP Language and Composition exam.  

**PREREQUISITES:** Teacher recommendation

### English III  
**Grade 11, 1 credit**  
PEIMS 03220300

Students enrolled in English III will continue to increase and refine their communication skills. Students will be expected to plan, draft, and complete written compositions on a regular basis. Students will edit their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English and produce final, error-free drafts. In English III, students will practice all forms of writing. An emphasis will be placed on business forms of writing such as the report, the business memo, the narrative of a procedure, the summary or abstract, and the resume. English III students will read extensively in multiple genres from American literature and other world literature. Periods from American literature may include the pre-colonial and revolutionary periods, romanticism and idealism, realism and naturalism, early 20th century, and late 20th century. Students will learn literary forms and terms associated with selections being read. Students will interpret the possible influences of the historical context on a literary work.

### English III (AP)  
**Grade 11, 1 credit**  
PEIMS A3220100  

This humanities course is an interdisciplinary study of the historical and literary aspects of America from the Colonial period into the Twenty-first Century. This challenging course will require students to respond critically to texts, historical and literary events, and historical situations. Students will read widely to understand the commonalities shared by literature, history, and fine arts. Furthermore, they will write to demonstrate an understanding of texts through analysis and deconstructive arguments, and they will discuss historical comparisons and evaluate primary source material and its historical implications. All students are expected to participate in classroom discussions and presentations to develop an understanding, appreciation, and enjoyment of American Studies. In addition this rigorous class prepares the high school student for the AP Language and Composition Exam near the end of the spring semester.  

**PREREQUISITES:** English II PAP or teacher recommendation

### English IV  
**Grade 12, 1 credit**  
PEIMS 03220400  

Students enrolled in English IV will continue to increase and refine their communication skills. Students will be expected to plan, draft, and complete written compositions on a regular basis. Students will edit their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English and produce final, error-free drafts. In English IV, students will be expected to write in a variety of forms including business, personal, literary, and persuasive texts. English IV students will read extensively in multiple genres from British literature and other world literature. Periods from British literature may include the old English period, medieval period, English renaissance, 17th century, 18th century, romantic period, Victorian period, and modern and post-modern period. Students will learn literary forms and terms associated with selections being read. Students will interpret the possible influences of the historical context on a literary work.  

**PREREQUISITES:** English I, II, and III

### English IV (AP)  
**Grade 12, 1 credit**  
PEIMS A3220200  

This course is taught at a college level of difficulty and sophistication. English and world literature are surveyed in greater depth and variety, the research paper is more intensive and is extended to Internet and publishing projects, and outside reading is more demanding than in regular English IV. Most major tests are exhaustive essay examinations. Advanced vocabulary development is also stressed.  

**PREREQUISITES:** Teacher recommendation
College Prep English IV

*Grade 12, 1 credit*

This is a performance-based course designed to develop students’ critical reading and academic writing skills. The course integrates preparation in academic reading skills, along with developing basic writing skills to create a variety of academic essays.

**PREREQUISITES:** None

AVID I-IV

*Grades 9-12, 1-4 credits*

AVID (Advanced Placement via Individual Determination) is an in-school college-preparatory system. In AVID, students are introduced to specific college skills and strategies that will enhance their academic achievements while preparing them to complete a 4-year college degree. AVID students are required to take a rigorous course of studies, and college tutors provide academic coaching during weekly Socratic study sessions. Students will also participate in field trips to colleges and businesses, attend educational workshops, and hear motivational presentations by guest speakers.

**PREREQUISITES:** Application Process

Journalism

*Grades 9, 1 credit*

Students enrolled in Journalism are expected to plan, draft, and complete written compositions on a regular basis, carefully examining their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. They will write in a variety of forms and for a variety of audiences and purposes. Students will become analytical consumers of media and technology to enhance their communication skills. Writing, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. Students will learn journalistic traditions, research self-selected topics, write journalistic texts, and learn the principles of publishing.

**PREREQUISITES:** None

Advanced Journalism YB I-III or NP I-III

*Grades 10-12, 1-3 credits*

Students enrolled in these courses are expected to plan, draft, and complete written and/or visual communications on a regular basis, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students are expected to become analytical consumers of media and technology to enhance their communication skills. In addition, students will learn journalistic ethics and standards. Writing, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. Students will refine and enhance their journalistic skills, research self-selected topics, and plan, organize, and prepare projects. Students in Advanced Journalism: Yearbook will create a high quality yearbook, *The Deer*, that reflects the spirit and the highlights of the school year while learning the numerous phases and techniques behind its development. Students in Advanced Journalism: Newspaper will produce *The Antler*, a newspaper published regularly.

**PREREQUISITES:** Student must submit an application and gain teacher approval.
**Photojournalism**

*Grade 9, 1 credit*

Photojournalism is a hands-on course for ninth grade students interested in photographing school events for the yearbook and other Deer Park High School publications. Students will plan, interpret, and critique visual representation, carefully examining their products for publication. Students will become analytical consumers of media and technology to enhance their communication skills as well as study the laws and ethical considerations that impact photography. Students will be required to sign up weekly to attend school events and provide the publication staffs with photos for their publications. Equipment will be provided through the journalism department. Prior photographic experience is helpful.

**PREREQUISITES:** Application and approval from Journalism teacher.

**Independent Study/Journalism**

*Grades 11-12, 1/2 - 1 credit*

Focusing on conducting research, producing original work, developing advanced skills, and studying in a specific area of interest, Independent Study/Journalism offers the serious journalism student the opportunity to build on and expand higher level critical thinking skills.

**PREREQUISITES:** Students should have completed Journalism, Advanced Journalism NP I, Advanced Journalism YB I, or Photo Journalism. Yearbook and newspaper students must also be concurrently enrolled in a journalism production class. Teacher approval required.

**Broadcast Journalism I, II, III**

*Grades 10-12, 1-3 credits*

Broadcast Journalism is designed to give students an opportunity to exercise writing for television and video production skills to produce programs for broadcast, such as news shows, documentaries, school and community explorations, and entertainment specials. Skills learned include planning, interviewing, writing, public speaking, videography, and editing. The course will allow students to analyze and be involved in all aspects of a production. Students will have a focus in either the Production Crew or Reporting Crew. Some after school work time may be required.

**PREREQUISITES:** Application and approval from teacher; Video Technology or English teacher recommendation.

**Sports Broadcast Journalism I-III**

*Grades 11-12, 1-3 credits*

Sports Broadcast Journalism is an extension of Broadcast Journalism designed to give students an opportunity to gain an understanding of the sports broadcasting industry. Students will learn skills including planning, interviewing, writing, public speaking, filming, and editing to produce sports content for the Deer Network and Clyde Abshier Stadium. They will also learn how to use high-end technology in the production of select live sporting events throughout the year. Strategies in leveraging social media and career investigations in the sports industry will be explored by the students. Some after school work time is required.

**PREREQUISITES:** Successful completion of Broadcast Journalism I; Application and approval from Broadcast Journalism teacher.

**Communication Applications/Speech (Wolter’s Only)**

*Grades 9-12, 0.5 credit*

Communication Applications is designed to offer students a variety of speaking situations. Students will learn various speech formats as well as the planning, organizing, writing, and presenting of those formats.

**PREREQUISITES:** None
Academic Decathlon I (H), II (H)  
**Grades 10-12, 1 credit**

The students will be provided unique opportunities for gaining exposure to college-level material in an atmosphere of independent study with peers who have similar goals of educational opportunities as well as extended tutoring with AP teachers in English, mathematics, science and history in a more intimate learning environment. The areas of study include science, social studies, literature, economics, mathematics, art, music, essay writing as well as speaking presentations including a prepared speech and developing interview skills. The fall semester consists of research, peer-teaching presentations, development of logic building and test taking techniques involving the various subjects while taking possession of the material through intensive study. The course work will be equivalent to some college level studies and credit in Academic Decathlon could be excellent resume entry due to the reputation of the Academic Decathlon program nationally. The spring semester with the selected team members will continue the extensive study for the competitions which have scholarship opportunities and at the conclusion of the competitions, the students will begin research on other topics in preparation for the following year’s topics and team. The student will be expected to commit additional time weekly outside the scheduled class time. Finally, the course should develop team building concepts as well as social skills in working with others.

**PREREQUISITES:** The approval of an Academic Decathlon coach is necessary. All candidates who meet requirements for the class will try out for the team during the fall semester, and students who make the team will be enrolled for the spring semester.
Languages Other Than English

Two credits in the same foreign language starting with Level I are required for the Recommended High School Program. Three years of the same language are required for the Distinguished Achievement High School Program. All courses will fulfill elective requirements on all programs. Since the acquisition of language skills closely correlates to a student’s success in Language Arts and English, it is strongly recommended that students have good speaking and writing skills in their own language before beginning the study of another language.

Spanish I, French I, or German I
Grades 9-12, 1 credit
As introductory courses, Languages Other than English Level I emphasize basic instruction in pronunciation, conversation, and simple grammar construction. Students gain an awareness of the geography, history, and culture of other countries.

PREREQUISITES: None

Spanish I (PAP), French I (PAP), German I (PAP)
Grades 9-12, 1 credit
These introductory courses emphasize basic instruction at an accelerated, in-depth pace. Students should be aware that one of their goals in studying in these more rigorous courses is to sit for the College Board AP Language exam as seniors. Students who begin to follow this avenue of study at the Sophomore level may expect to complete three years which is one of the qualifying points of the Distinguished Graduation Plan. With this long-range goal in mind, students will begin to prepare from the beginning of their language study to take part in activities to prepare them for AP testing.

PREREQUISITES: None

Spanish II, French II, German II
Grades 9-12, 1 credit
Designed to expand the Level I curriculum, the second level extends emphasis on reading and writing, increased vocabulary, grammatical structure, and oral communication skills. Further cultural, historical, and geographical aspects of other countries are presented.

PREREQUISITES: Level I of the same language; it is strongly recommended that students pass the second semester of Level I before enrolling in Level II.

Spanish II (PAP), French II (PAP), German II (PAP)
Grades 9-12, 1 credit
Designed to expand Level I curriculum, the second level extends emphasis on reading, writing, and oral communication skills. More complex structures are introduced and higher level thinking skills are presented.

PREREQUISITES: Level I of the same language; it is strongly recommended that students pass the second semester of Level I before enrolling in Level II. Recommended 85 or higher in Level I and teacher recommendation.

Spanish III (PAP), French III (PAP), German III (PAP)
Grades 9-12, 1 credit
Through oral and written communication and reading, more complex grammar is introduced in these courses and higher level thinking skills are presented. The study of culture is expanded.

PREREQUISITES: Level II of the same language and teacher recommendation
Spanish IV (AP)  
**PEIMS A3440100**  
**Grades 9-12, 1 credit**  
Deer Park High School’s AP Spanish Language course is intended to cover the equivalent of a third-year college course in advanced Spanish composition and conversation. Emphasizing the use of Spanish for active communication, it encompasses aural/oral skills, reading comprehension, grammar, and composition. The course objectives are to help students:

1. comprehend formal and informal spoken Spanish
2. acquire vocabulary and a grasp of structure to allow the easy, accurate reading of newspaper and magazine articles, as well as of modern literature in Spanish
3. compose expository passages
4. express ideas orally with accuracy and fluency

Course content could reflect intellectual interests shared by the students and teacher (the arts, history, current events, literature, culture, sports, etc.), and materials might include recordings, films, newspapers, and magazines. The course seeks to develop language skills that are useful in themselves and that can be applied to various activities and disciplines, rather than to the mastery of any specific-subject matter. Finally, extensive training in the organization and writing of compositions must be an integral part of this AP course.

**PREREQUISITES:** Level III of the same language and teacher recommendation

Spanish V (AP)  
**PEIMS A3440200**  
**Grade 12, 1 credit**  
This course is a continuation of the advanced study begun in Level IV, including preparation for the AP Spanish Language Examination. Emphasis will be on literature of all genres, expository and creative writing, continued development of oral fluency, and advanced concepts of grammar.

**PREREQUISITES:** Spanish IV (H)

Spanish for Spanish Speakers I  
**PEIMS 03440110**  
**Grades 9-12, 1 credit**  
This intensive course is offered to students who are able to speak and understand Spanish. This does not mean that they necessarily speak proper, always correct or grammatical, Spanish, rather that they have the ability to communicate in and understand that language when it is spoken to them. They should also possess elementary reading and writing skills that the teacher will be able to use as a foundation upon which to build.

**PREREQUISITES:** None

Spanish for Spanish Speakers I (H)  
**PEIMS 03440100**  
**Grades 9-10, 1 credit**  
Students should possess Spanish reading and writing skills the teacher can use as a foundation, as this intensive course is offered to students who are able to speak and understand Spanish at an accelerated and in-depth pace. The goal of the class is to prepare students for the next levels of Spanish instruction, including Spanish for Spanish Speakers II (H), Spanish III PAP, Spanish IV AP, and the College Board Spanish Language AP Exam.

**PREREQUISITES:** 9th - 10th only

Spanish for Spanish Speakers II  
**PEIMS 03440220**  
**Grades 10-12, 1 credit**  
Designed to expand the Spanish for Spanish Speakers Level I curriculum, this level extends emphasis on reading and writing, increased vocabulary, grammatical structure, literature and oral communication skills. It is expected that students who take SSPI and SSPII will be able to transition into Spanish III PAP if they choose.

**PREREQUISITES:** Spanish for Spanish Speakers I

Spanish for Spanish Speakers II (H)  
**PEIMS 03440220**  
**Grades 9-10, 1 credit**  
Students are expected to comprehend college level literature (often read independently), write various types of essays, and complete frequent oral presentations in Spanish. The course is taught at a native level. Students are also expected to continue to Spanish III PAP, Spanish IV AP, and the College Board Spanish Language AP Exam.

**PREREQUISITES:** Spanish for Spanish Speakers I; 9th - 10th only
French IV (AP)  PEIMS A3410100

Grade 12, 1 credit

Deer Park High School’s course in AP French Language, emphasizing the use of language for active communication, has for its objectives the development of:

1. the ability to understand spoken French in various contexts
2. a French vocabulary sufficiently ample for reading newspaper and magazine articles, literary texts, and other non-technical writings without dependence on a dictionary
3. the ability to express oneself coherently, resourcefully, and with reasonable fluency and accuracy in both written and spoken French

Course content can reflect intellectual interests shared by the students and teacher (the arts, current events, literature, sports, etc.). Materials might well include audio and video recordings, films, newspapers, and magazines. The course seeks to develop language skills (reading, writing, listening, and speaking) that can be used in various activities and disciplines rather than to cover any specific body of subject matter. Extensive training in the organization and writing of compositions should also be emphasized.

PREREQUISITES: Level III of the same language and teacher recommendation.

German IV (AP)  PEIMS A3420100

Grade 12, 1 credit

Deer Park High School’s course in AP German Language, emphasizing use of the language for active communication, has as its objective the development of the following skills:

1. having a strong command of vocabulary and structure
2. understanding spoken German in various conversational situations
3. reading newspaper and magazine articles, contemporary fiction, and non-technical writings without the use of a dictionary
4. fluently and accurately expressing ideas orally and in writing

Instructional content will reflect intellectual interests shared by the students and teacher (the arts, current events, literature, sports, and so forth). In addition to standard textbooks and anthologies, materials might well include audio and visual materials, newspapers, magazines, and contemporary literature. The course seeks to develop language skills that are useful in themselves and that can be applied to various activities and disciplines rather than being limited to any specific body of subject matter. The need for extensive training in the organization and writing of compositions must not be overlooked.

PREREQUISITES: Level III of the same language and teacher recommendation.

Language Other Than English Alternatives - Students are advised to verify with their intended colleges.

INTRODUCTION TO COMPUTER SCIENCE  PEIMS 03580200

Grades 9-12, 1 credit

Introduction to Computer Science is a hands-on class that uses robotics and gameprogramming to teach the fundamentals of software development. The primary programming language is Java. This course introduces the student to the basics of software development, writing algorithms and problem solving. The student will learn a high-level programming language which will prepare them to take Computer Science AP or college Computer Science classes. A fee of $10 will be charged to cover the cost of student projects.

PREREQUISITES: Successful completion of Algebra I and passed Algebra I STAAR test

Computer Science Principles [AP]  PEIMS A3580300

Grades 9-12, 1 credit

This hands-on and project-based course introduces students to the structure and design of the Internet, the impact computing has on society, cyber-security issues, algorithms, and the creative aspects of programming. Students will use logic and technology to address real-world problems and build relevant solutions. This course will prepare students for the Principles of Computer Science Advanced Placement exam for which students may earn college credit. Experience in Computer Science is NOT needed to take this class, but we recommend students take Intro to CS or AP CS Principles first. A fee of $10 will be charged to cover the cost of student projects.

PREREQUISITES: Intro to CS or Alg I credit

COMPUTER SCIENCE A [AP] LOTE/Math  PEIMS A3580120, A3580110

Grades 10-12, 1 credit (Technology Credit or 4th Year Math Credit)

Computer Science AP prepares the student to take the Computer Science Advanced Placement test. We recommend students take Intro to CS or AP CS Principles first. Students learn Computer Science by coding computer graphics, animation, games, and robots. Computer Science AP is a computer software development class with an emphasis on problem solving an algorithm design. It is the equivalent of a first semester college course in Computer Science. Programs are written in the Java programming language. A fee of $10 will be charged to cover the cost of student projects.

PREREQUISITES: Successful completion of Introduction to Computer Science or Algebra II or concurrent enrollment in PAP Algebra II.
Four credits of mathematics are required for high school graduation. Three of these credits must include Algebra I, Geometry, & Algebra II. Refer to p. 19 for more information on the remaining state requirements.

**Algebra I**

**Grades 9, 1 credit**
In Algebra I, students will build on the knowledge and skills for mathematics in Grades 6-8, which provide a foundation in linear relationships, number and operations, and proportionality. Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. Students will use technology to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations.

**PREREQUISITES:** None

**Mathematical Models With Applications (Alg I STAAR Retesters Only)**

**Grades 10, 1 credit**
Students will use algebraic, graphical and geometric reasoning to recognize patterns, to model information and to solve problems involving money, data, chance, patterns, music, design and science. Students use a variety of representations, tools, and technology to link modeling techniques and mathematical concepts and to solve applied problems.

**PREREQUISITES:** Successful completion of Algebra I

**Geometry**

**Grades 10 -12, 1 credit**
Geometry continues to expand upon the foundation concepts for high school mathematics. Mathematical experiences enhance geometric thinking and spatial reasoning, the properties and relationships of geometric figures, the relationships between geometry, other mathematics, and other disciplines, techniques and tools for geometric thinking, and underlying mathematical processes.

**PREREQUISITES:** Algebra I

**Geometry (PAP)**

**Grade 9, 1 credit**
This course has the same framework as regular geometry, but requires a more rigorous approach to deriving theorems and their applications. The course focuses more on problem-solving and mathematical process than the regular geometry course. Projects may be required.

**PREREQUISITES:** Successful completion of Algebra I and passed Algebra I STAAR test

**Algebra II**

**Grades 10-12, 1 credit**
Algebra II is required for the college bound student and for the student who will enter a technical career. In Algebra II, the study of functions begun in Algebra I is reinforced, connecting algebraic and geometric representations of functions. Additional topics studied are complex numbers, matrices, conic sections and logarithmic, exponential, square root, rational, direct and inverse variation functions.

**PREREQUISITES:** Successful completion of Algebra I and Geometry; passed Algebra I STAAR test

**Algebra II (PAP)**

**Grades 9-11, 1 credit**
Algebra II continues to expand upon the foundation concepts for high school mathematics. The course connects algebraic and geometric representations of conic sections and direct and inverse relationships between functions. Additional topics include logarithmic, exponential, and square root functions, complex numbers, and matrices.

**PREREQUISITES:** Successful completion of Algebra I and Geometry; passed Algebra I STAAR test
Precalculus (PAP)  
Grades 10-12, 1 credit

This course is designed for the college bound student. Students use symbolic reasoning and analytical methods to represent mathematical situations, to express generalizations, and to study mathematical concepts and the relationships among them. Students use functions, equations and limits as well as symbolic reasoning to represent and connect ideas in geometry, probability, statistics, trigonometry, and calculus and to model physical situations.

PREREQUISITES: Successful completion of Algebra I, Geometry, and Algebra II; passed Algebra I STAAR test

Precalculus (PAP)  
Grades 10-12, 1 credit

Providing the foundation for higher level mathematics courses, precalculus is designed to prepare students for a first course in calculus by combining the essential elements of trigonometry, elementary analysis, and analytic geometry. Emphasis is placed on the development of problem solving skills and topics which are prerequisites for calculus. Emphasis is also placed on application of the trigonometric and circular functions. Included in this course is an in-depth study of elementary functions, both algebraic and transcendental. Basic elements of analytic geometry are stressed with emphasis on transformation of conic sections.

PREREQUISITES: PAP Algebra II

NOTE: Students will be required to have access to a graphing calculator outside of class.

Algebraic Reasoning  
Grades 11-12, 1 credit

This course is designed for a fourth year of mathematics for the college-bound student. The course targets students who will not need to take Calculus in college. Topics in Advanced Algebra will provide a math course to solidify and extend algebra skills to better prepare for college.

PREREQUISITES: Algebra I

College Prep Math  
Grade 12, 1 credit

This course is a study of solving and graphing linear equations, inequalities, and systems. Several other topics are included, such as algebraic and geometric applications. This course promotes critical thinking and problem solving techniques.

PREREQUISITES: Algebra II

Calculus AB (AP)  
Grades 11-12, 1 credit

This course emphasizes a multirepresentational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally.

PREREQUISITES: Precalculus

NOTE: Students will be required to have access to a graphing calculator outside of class.

Calculus BC (AP)  
Grades 11-12, 1 credit

Calculus-BC (AP) is an extension of Calculus AB rather than an enhancement.

PREREQUISITES: PAP Precalculus

NOTE: Students will be required to have access to a graphing calculator outside of class.

Both Calculus AB and Calculus BC are intended to be challenging and demanding. Through the use of the unifying themes of derivatives, integrals, limits, approximation, and applications and modeling, these courses become a cohesive whole.
Statistics PEIMS 03102530
Grades 11-12, 1 credit
In this course students will apply understanding about statistical studies, surveys, and experiments to design and conduct a study and use graphical, numerical, and analytical techniques to communicate the results of the study. Students will analyze both categorical and quantitative data, connect probability and statistics, make inferences and justify conclusions from statistical studies, and analyze relationships among bivariate quantitative data.

Prerequisite: Successful complete of Algebra I

Statistics (AP) PEIMS A3100200
Grades 11-12, 1 credit
AP Statistics is equivalent to a one-semester, introductory, non-calculus based, college course in statistics. The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, planning a study, anticipating patterns, and statistical inference.

PREREQUISITES: Alg II
NOTE: Students will be required to have access to a graphing calculator outside of class.

Computer Science AP PEIMS 03580300
Grades 10-12, 2 credits (Technology Credit or 4th Year Math Credit)
Computer Science AP prepares the student to take the Computer Science Advanced Placement test. No experience in Computer Science is needed, but we recommend students take Intro to CS or AP CS Principles first. Students learn Computer Science by coding computer graphics, animation, games, and robots. Computer Science AP is a computer software development class with an emphasis on problem solving and algorithm design. It is the equivalent of a first semester college course in Computer Science. Programs are written in the Java programming language. A fee of $10 will be charged to cover the cost of student projects.

PREREQUISITES: Successful completion of Introduction to Computer Science or Algebra II or concurrent enrollment in PAP Algebra II.

Robotics Programming and Design PEIMS 03580395
Grades 9-12, 1 credit
Robotics is one of the fastest growing industries in the world. In this lab-based course, a hands-on approach is implemented to afford students an opportunity to learn and use complex math and science concepts necessary in the field of Robotics Engineering. The course curriculum mixes important concepts and skills from Mechanical Engineering, Electrical Engineering, and Software Programming. Learning will focus on development, construction, and programming of autonomous, typically mobile, machines and devices used for solving real-world problems. State of the art equipment, cutting-edge technological innovations, and latest software are used to reinforce key skills and provide students with a holistic learning experience. Major projects include competing in world-class robotics tournaments.
A fee of $15 will be charged to cover the cost of student projects.

PREREQUISITES: Successful completion of Algebra I
Deer Park High School Mathematics Course Sequence

Endorsement Courses
  - AP Calculus BC
  - AP Calculus AB
  - AP Statistics

Foundation Plan
  - Algebra I
  - Geometry
  - Algebra II

College Prep Math
  - Computer Science (AP)
  - Statistics
Office Assistant

Grade 12, 0.0 credit
Seniors who have earned 21 credits before the year begins may serve as an office assistant if approved by an administrator. Assistants will not receive credit for the course.

PREREQUISITE: Approval of Counselor; application required

Peer Tutor

Grades 11-12, 0.5 local credit
Students will be assisting teachers and working with students in the classroom setting. This offering will be available for students to assist in ELA, Math, Science and Social Studies classes. Students will be under the direct supervision of the teacher of record in each class.

PREREQUISITE: Approval of Assistant Principal of Testing

JROTC I - IV

Grades 9-12, 1 credit
This is an introductory leadership and training course that introduces students to the foundations of American citizenship, leadership and management, the importance of communication, first aid and individual health, land navigation, marksmanship, and physical fitness. JROTC I may be substituted for PE credit upon completion using PEIMS number: PES00004. This code can only be used if a student has not already satisfied or is currently satisfying his or her physical education requirement.

PREREQUISITE: Application Required & Teacher Approval

JROTC Leadership II-IV

Grades 10-12, 1 credit
The focus of this course is to develop the following skills for UIL competition and other performances: drill team, color guard, orienteering, rifle marksmanship and cadet challenge. Students will also learn command and staff skills.

PREREQUISITE: ROTC I and Senior Army Instructor Approval

Science

Four credits of science are required to graduate under the state’s Recommended and Distinguished Achievement High School Programs. Please refer to p. 21 for more information on state options for the four credits.

NOTE: ADVANCED PLACEMENT SCIENCE COURSES
Students desiring to focus in the sciences may want to take two science courses their sophomore, junior and/or senior year. For example, AP Physics 1 and AP Biology can both be taken as a junior and AP Chemistry and AP Physics as a senior. Students have the opportunity to earn 4 - 20 college hours in science while in high school.

The following is a list of the science courses offered at Deer Park High School. All science courses are mandated by the state to have 40% laboratory time. Mathematical recommendations for student success in math-based sciences should be followed.

Integrated Physics and Chemistry (IPC)

Grade 9, 1 credit
Designed to develop skills in laboratory safety and techniques, this course addresses principles of chemistry (fall) and physics (spring) which serve as a strong foundation to other courses of study in science. To count as a science credit on the RHSP, this course must be successfully completed prior to taking Chemistry and/or Physics.

PREREQUISITES: None

Biology

Grade 10, 1 credit
Biology is the study of living things and their history. This course traces the organizations of organisms from the cellular through the ecosystem levels. Laboratory studies include some comparative dissections, DNA technology, genetics, microscopy, ecological interactions, evolution, classification, plant adaptations, and animal systems. Successful completion of biology is a requirement for graduation.

PREREQUISITES: None
Biology (PAP)  
Grade 9, 1 credit  
This course presents principles, vocabulary, and concepts in a more detailed manner than would be presented in a regular Biology course. Designed to prepare students for Biology (AP), topics include biochemistry, energy conversions, cells, molecular and Mendelian genetics, evolution, ecology, as well as plant and animal systems. Dissection is used as a tool to compare structure and function in different animal phyla. A collection is required. Independent and creative projects are encouraged. This course serves as an introduction to various fields in the biological sciences.  
PREREQUISITES: IPC credit

Biology (AP)  
Grades 11-12, 1 credit  
Various fields of biology such as biochemistry, biotechnology, comparative systems, ecological interactions, behavior, cytology, molecular and Mendelian genetics. A mammal dissection is completed in lab. The AP College Board Syllabus for AP Biology is followed. Preparation for the AP exam is emphasized. The course is designed especially for college bound students (either for those planning to make science a career or for those wishing to place out of taking science in college).  
PREREQUISITES: Successful completion of Bio (PAP strongly recommended), Chemistry; passed Alg. I and Biology STAAR tests and current science teacher recommendation required

Chemistry  
Grades 10-12, 1 credit  
Designed to help students understand how chemical principles and concepts are developed from data and observation, this course includes study of matter, atomic structure, chemical reactions, solutions, behavior of gases, and acids and bases. Many mathematical concepts like scientific notation and the use of dimensional analysis are used as problem solving methods. Students are expected to provide a calculator. Many concepts taught in chemistry are similar to word problems taught in Algebra I.  
PREREQUISITES: Successful completion of Alg I & Biology; passed Alg I and Biology STAAR tests

Chemistry (PAP)  
Grades 10-12, 1 credit  
This honors level course includes the study of basic properties of matter, atomic structures, inorganic nomenclature, inorganic chemical reactions, stoichiometry, acid/base chemistry, and behavior of gases. PAP Chemistry is a mathematically based science course, which includes concepts such as scientific notation, dimensional analysis and formula manipulation for problem solving. Laboratory work will be stressed which includes the writing of detailed lab reports. The purpose of this course is to prepare the student for Chemistry (AP).  
PREREQUISITES: Successful completion of Alg I & Biology; passed Alg I and Biology STAAR tests; Geometry and concurrent enrollment in Alg II PAP preferred

Chemistry (AP)  
Grades 11-12, 1 credit  
This course is a continuation of PAP Chemistry with emphasis on chemical behavior. Particular attention is given to the mathematical concepts and laboratory investigation of chemical concepts in this course. College bound students with science orientated goals such as engineering, medicine, and chemistry should consider this course.  
PREREQUISITES: Biology, PAP Chemistry; completion or concurrent enrollment in PAP Pre-calculus or calculus; current science teacher recommendation

Applied Physics (Principles of Technology)  
Grades 11-12, 1 credit  
This science course counts as a recommended science according to the state. It is a hands-on application physics class that will investigate mechanical, fluid, electrical, and thermal systems. Students taking this course will investigate speed, acceleration, force, Newton’s Laws, and Energy Laws. This course will focus on problem-solving strategies and apply decision-making techniques to technological solutions.  
PREREQUISITES: Successful completion of Alg I & IPC, Biology; passed Alg I and Biology STAAR tests

Physics  
Grades 11-12, 1 credit  
In Physics, students conduct field and laboratory investigations and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: laws of motion; changes within physical
systems and conservation of energy and momentum; force; thermodynamics; characteristics and behavior of waves; and quantum physics. This course provides students with a conceptual framework, factual knowledge, and analytical skills.

**PREREQUISITES:** Successful completion of Alg I, Geometry, and Biology; passed Alg I and Biology STAAR tests; concurrent enrollment in Algebra II or higher mathematics course

### Physics I (AP)  
**PEIMS A3050003**  
**Grades 11-12, 1 credit**  
Physics includes the study of motion and its causes, energy, forces, thermodynamics, waves, electricity, magnetism, and atomic structure. Physics is recommended for students planning a career in science or engineering.

**PREREQUISITES:** 8th - IPC, Biology and Chemistry and a strong mathematical background; completion or concurrent enrollment in Pre-calculus is required with PAP Pre-Calculus strongly recommended; current math science teacher recommendation

### Physics C (AP)  
**PEIMS A3050006**  
**Grade 12, 1 credit**  
As a continuation of Physics, this course is designed to prepare those students who aspire to engineering careers. Emphasis is placed on mathematical problem solving skills. Mechanics, rotational dynamics, and advanced cases of Newton’s Laws are some of the topics covered.

**PREREQUISITES:** 8th-IPC, Biology, Chemistry, & AP Physics 1; enrollment in AP Calculus is required

### Astronomy  
**PEIMS 03060100**  
**Grades 11-12, 1 credit**  
In Astronomy, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study the following topics: information about the universe, scientific theories of the evolution of the universe, characteristics and the life cycle of stars, exploration of the universe, role of the Sun in our solar system, planets, and the orientation and placement of the Earth.

**PREREQUISITES:** Successful completion of IPC, Biology, passed Biology STAAR

### Aquatic Science  
**PEIMS 03030000**  
**Grade 11-12, 1 credit**  
This is a survey course of various aspects of fresh water and marine ecosystems. Although it will concentrate on marine biology, other disciplines, such as geology, chemistry, and physical features will be included as they pertain to water ecosystems. Laboratory practices include comparative dissections, water studies, environmental issues, global features and community interactions. TAKS or STAAR remediation & preparation are included in this course.

**PREREQUISITES:** Biology and IPC

### Environmental Systems (Wolters Campus only)  
**PEIMS 03020000**  
**Grades 11-12, 1 credit**  
This course will emphasize man’s interaction with his environment. The first half of the course will concentrate on ecological relationships such as ecosystems, biomes, endangered species, animal populations and conservation. The second half of the course will emphasize man’s impact on the environment. It will cover such topics as air and water pollution, solid waste disposal, natural resources, and environmental law.

**PREREQUISITES:** Successful completion of Biology and IPC or Chemistry; Wolters students only

### Environmental Science (AP)  
**PEIMS A3020000**  
**Grades 11-12, 1 credit**  
The goal of the AP Environmental Systems course is to provide college-bound students with the scientific principles, concepts, and methods required to understand the interrelationships of the natural world. The AP College Board syllabus for AP Environmental Systems is followed and preparation for the AP exam is emphasized. Outdoor field work is required for this course.

**PREREQUISITES:** Must be 4th year of science, Algebra II

### Anatomy and Physiology (H)  
**PEIMS 13020600**  
**Grades 11-12, 1 credit**  
This course is a laboratory and field-oriented course focusing on the structure and function of the human body. Histology as well as integumentary, circulatory, respiratory, urinary, skeletal, muscular, lymphatic, immune, reproductive, nervous, and endocrine systems are investigated. Computer probe-ware is used to take student data. Students will perform a mammal dissection to help reinforce the structure of organs. Students who plan to pursue the biomedical fields, nursing, or associate degrees in other health-allied sciences will greatly benefit from this class.

**PREREQUISITES:** Successful completion of Algebra I, Biology, and Chemistry; passed Algebra I and Biology STAAR tests  
**RECOMMENDED:** Three credits of science

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Medical Microbiology
Grades 11-12
The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and emerging diseases. Students interested in public health would benefit from this course.

PREREQUISITES: Successful completion of Biology and Chemistry and passed Biology EOC. Recommended prerequisite: a course from the Health Science Career Cluster. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.

Pathophysiology
Grades 11-12
This course will study disease processes and how humans are affected. Emphasis is placed on the prevention and treatment of disease. Students will differentiate between normal and abnormal physiology. Students interested in public health would benefit from this course.

PREREQUISITIES: Successful completion of Biology and Chemistry and passed Biology EOC. Recommended prerequisite: a course from the Health Science Career Cluster. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.

Laboratory Management I-II, Scientific Research & Design
Grade 12, 1 credit
This course is designed to increase a student’s laboratory experience. Students need to have a solid foundation in chemistry or biology, having participated in the labs as a student, so that they can prepare and monitor laboratory experiments. Each student accepted into the program will be required to perform experiments, and to collect and interpret data. A laboratory log must be maintained for credit. Students will work under the guidance of a supervisory science teacher. For students desiring to work as a lab assistant in college, this class would be beneficial. Students wishing to pursue the distinguished graduation program may wish to consider Lab Management to fulfill two of the four criteria for this program. If so, an independent research project is required and completed during the course.

PREREQUISITES: Biology, 3rd year of recommended science with at least one of the 3 years being a PAP or AP science course completed. Student application, interview, and science teacher recommendation are required. Level I for Level II required.

Advanced Animal Science
Grade 12, 1 credit
This rigorous course is offered to meet the needs of students who want to advance their education in animal science. Classroom and laboratory content will be supported by utilizing appropriate equipment and technology. Scientific inquiry and methods will be the basis of study. Students will apply knowledge of anatomy and physiology and gain knowledge in species specific operations, genetics, livestock operation, processing and reproduction. Involvement in FFA and Supervised Agricultural Experience Projects will be encouraged through this course. This class has been approved by the state as a 4th year science credit.

PREREQUISITES: Must have passed all STAAR Science tests

Forensic Science
Grade 12, 1 credit
Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science. This course counts as a fourth year Science credit.

PREREQUISITES: Chemistry and Biology
RECOMMENDED PREREQUISITES: Law Enforcement 1

Food Science
Grade 12, 1 credit
This laboratory course is designed to reinforce and enhance the student’s knowledge of scientific principles and processes through the study of foods and nutrition. An in-depth understanding of science as it applies to foods will assist students with interest in career and technical education, to understand the food industry as well as food preparation in their daily lives. Students will be involved in hands-on laboratory activities which verify the scientific concepts learned. Lab fee of $20 is required.

PREREQUISITES: Successful completion of 3 science credits
# Foundation Program for Science

<table>
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<tr>
<th>Academic Track</th>
<th>Advanced Track</th>
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| **IPC** | Biology (EOC for graduation) | Chemistry*  
Applied Physics (Principles of Technology)  
Physics*  
Anatomy & Physiology*  
Aquatic Science  
Astronomy*  
Forensic Science  
Medical Microbiology* Pathophysiology* | Chemistry  
Applied Physics (Principles of Technology)  
Physics*  
Anatomy & Physiology*  
Aquatic Science  
Astronomy  
Environmental Systems (WC only)  
Forensic Science  
Medical Microbiology* Pathophysiology* |
| **IPC - PAP***  
(Algebra I concurrent) | PAP Biology* (EOC for graduation) | PAP Chemistry*  
AP Physics I**  
AP Chemistry*  
AP Biology*  
AP Environmental Science  
Anatomy & Physiology*  
Aquatic Science  
Astronomy*  
Forensic Science  
Medical Microbiology* Pathophysiology* | AP Physics I*  
AP Physics C*  
AP Chemistry*  
AP Biology*  
AP Environmental Science  
Anatomy & Physiology*  
Aquatic Science  
Astronomy*  
Forensic Science  
Medical Microbiology* Pathophysiology* |

Notes: Science electives should be chosen based on Endorsement.

*STEM Endorsement

**Math and/or Science prerequisite
### Social Studies

**World Geography**  
*PEIMS 03320100*

**Grades 9-12, 1 credit**

In World Geography Studies, students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. **Required for Recommended High School Program.**

**PREREQUISITES:** None

**World Geography (PAP)**  
*PEIMS 03320100*

**Grade 9, 1 credit**

With more in-depth curriculum, this course offers an intensified investigation of the components of the world’s physical and human landscape, along with a more aggressive examination of the relationship between these components and the challenges faced by our changing global society. Students will be asked to read and write at a higher level of complexity, to synthesize their own ideas, and to evaluate challenging material on a regular basis.

**PREREQUISITES:** Strongly Recommend Passing STAAR

**Human Geography (AP)**  
*PEIMS A3360100*

**Grade 9, 1 credit**

This is a college-level course introducing students to the systematic study of processes and patterns that have shaped human understanding. Students employ landscape analysis and spatial concepts to analyze social organization and its environmental consequences. Students also learn about the tools and methods geographers use in their science and practice. This course may substitute for the required credit of World Geography when taken for a full year.

**PREREQUISITES:** Strongly Recommended Passing STAAR

**World History**  
*PEIMS 03340400*

**Grades 9-12, 1 credit**

Focusing on the development of mankind from ancient times to the present, the understanding of other cultures and current events will be provided.

**PREREQUISITES:** None

**World History (AP)**  
*PEIMS A3370100*

**Grades 10-12, 1 credit**

With a more in-depth curriculum, this course offers a more intensified investigation of mankind’s development.

**PREREQUISITES:** Teacher Recommendation

**European History (AP)**  
*PEIMS A3340200*

**Grades 10-12, 1 credit**

AP European History is a course designed to provide opportunities for students to study the history and development of European cultures and ideas in an in-depth manner. Students are expected to demonstrate knowledge of basic chronology and major events and trends from the High Renaissance to the present. In addition to understanding the principal themes in European history, the students will develop their ability to analyze historical events, to assess historical materials, and to weigh the evidence and interpretations presented in historical scholarship. Students will have the opportunity to take the Advanced Placement Exam upon completion of the course. This is an elective course and cannot be substituted for the graduation requirement of World History.

**PREREQUISITES:** None

**World History Through Sports**  
*PEIMS 03380022*

**Grades 10-12, 0.5 credit**

In this one semester course, students will examine how sports and history have interacted on the global stage. Students will engage in discussion, writing and research projects, and develop a sophisticated perspective of the role of sports throughout history. This course is an elective course cannot be substituted for any required social studies course.

**PREREQUISITES:** None
### American History Through Film
**Grades 10-12, 0.5 credit**

Throughout this one semester course, students will examine the history and culture of the United States as presented in film and media. Students will be required to reflect upon, write about, research, and analyze the presentation of America through the viewpoint of American media. This course is an elective course and cannot be substituted for any required social studies course.

**PREREQUISITES:** None

### Personal Financial Literacy
**Grades 10-12, 0.5 credit**

This elective class will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. The course is interactive and research-based; the curriculum focuses on earning and spending, saving and investing, credit and borrowing, insuring and protecting, and paying for postsecondary education and training.

**PREREQUISITES:** None

### U. S. History
**Grade 11, 1 credit**

The course begins with a review of U.S. history from 1607 to 1865 to give the student an opportunity for success on the upcoming STAAR test. The majority of the course stresses the development of the social, political, and economic structure of the United States from 1865 to the present.

**PREREQUISITES:** None

### U. S. History (AP)
**Grade 11, 1 credit**

Students who choose to take this course will be preparing for the Advanced Placement Exam in May which, if a score of 3 or better is attained, will earn the student three units of college credit. In this course students will be asked to read and write at a higher level of complexity, to analyze historical material, to synthesize their own ideas, and to evaluate those of others. Intellectual skills such as critical reading, analyzing data sets, synthesizing evidence to develop new insights will be developed to prepare students for the rigors of a college curriculum and for lifelong learning.

**PREREQUISITES:** World Geography (PAP), World History (AP), and teacher recommendation

### United States Government
**Grade 12, 0.5 credit**

This course focuses 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.

**PREREQUISITES:** World Geography or World History and U. S. History

### United States Government (AP)
**Grade 12, 0.5 credit**

U. S. Government (AP) stresses the contemporary nature and function of the American national political system. Most of the focus is given to the essential components of the institutions and processes through which the political system operates and public policy that is adopted and implemented.

**PREREQUISITES:** World Geography, World History or World History (AP), US History or US History (AP), and teacher recommendation

### Economics
**Grade 12, 0.5 credit**

The focus is 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 examine the rights and responsibilities of consumers and businesses. Students analyze the interaction of supply, demand, and price and study the role of financial institutions in a free enterprise system. Types of business ownership and market structures are discussed, as are basic concepts of consumer economics. Macroeconomic concepts are introduced and examined with an emphasis on economic indicators as they relate to real world situations. Students apply critical-thinking skills to create economic models and to evaluate economic activity patterns.

**PREREQUISITES:** World Geography or World History and US History
Economics (AP)  PEIMS A3310100
Grade 12, 0.5 credit
This course offers a more stringent curriculum. Students must be able to think critically and be willing to devote the number of hours necessary to master economic concepts. The purpose of an AP course in Macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. This course places particular emphasis on the study of national income and price determination, and also develops students’ familiarity with economic performance measures, economic growth, and international economics.

PREREQUISITES: World Geography, World History or World History (AP), US History or US History (AP), and teacher recommendation.

Peer Assistance and Leadership (PAL)  PEIMS N1290005
Grade 12, 1 credit
The P.A.L. Program is a volunteer peer support group in which seniors are trained to work as peer facilitators with any student either on their own campus or from feeder junior high or elementary schools. The basic goals include: preventing students from dropping out of school, giving information about drug/alcohol abuse, providing a friend to ease feelings of stress, loneliness, and depression.

PREREQUISITES: Application and sponsor approval

Psychology (Wolters Campus only)  PEIMS 03350100
Grades 11-12, 0.5 credit
This course delves into the science of behavior and mental processes. Students examine the full scope of the science of psychology such as the historical framework, methodologies, human development, motivation, emotion, sensation, perception, personality development, cognition, learning, intelligence, biological foundations, mental health, and social psychology.

PREREQUISITES: World Geography or World History (both are recommended); U.S. History may be taken concurrently.

Independent Research (H) I & II  PEIMS N1290309, N1290313
Grades 11-12, 1 credit
Students focus their study on a topic of their choice. They develop a research portfolio that has a collection of resources including interviews and observations with people who work in their chosen topic field. Students work on time management, communication, goal setting, and presentation skills in this academically rigorous course. Students work with mentors at their place of business to gain “real world” experience. They will work with their mentor to create a product related to their topic. Students give progressively longer speech presentations and will give a formal presentation of their product and mentorship in May. See the counseling office for more information.

PREREQUISITES: Application process
The Special Education Program is designed to meet the individual needs of students with disabilities. Students are placed in the special education program by an Admission, Review, and Dismissal (ARD) Committee. Specially Designed Instruction is determined by the ARD committee and may include Co-Teach, Instructional Support, Resource classes, and Specialized Programming. Students may be recommended for a variety or combination of services based on individual strengths and weaknesses. Programming for students is not solely based on areas of disability.

**Co-Teach:** an instructional model that is implemented in a general education classroom by two certified teachers, one regular academic teacher and one special education teacher. The two teachers work collaboratively to provide subject and curriculum knowledge, and learning strategies to fit the needs of all students. This instructional model is designed to assist students with special needs integrate successfully into classes with typically developing peers while receiving modifications and/or accommodations in accordance to the Individual Education Plan (IEP).

**Instructional support:** provided to students mostly by a paraprofessional in the general education setting. The level of support will vary depending on the needs of students. Instructional support may include, but is not limited to re-teaching concepts, implementing accommodations and modifications, small group or 1:1 academic instruction, and behavior support.

**Resource:** Special education instruction and related services are sometimes provided to a student with a disability in a setting other than the general education classroom. A special education resource room is a classroom where a special education program can be delivered to a student with a disability. This setting may be utilized when it is necessary to meet the needs of the student with a disability in a setting other than the general education classroom due to the need for extensive modification of the presentation of materials, methods of response of the student, setting, accommodations and/or the timing and scheduling of the materials.

**Social Life Skills (SLS) and the Structured Learning Classrooms (SLC):** designed to meet the educational needs of students with significant cognitive disabilities who require direct, intensive, individualized instruction to acquire, maintain and generalize skills. Instruction is focused on functional skills that are considered critical to the quality of life. Areas addressed include: functional academics, self-help, vocational, communication, social, and behavior.

SLS and SLC classrooms are organized around the principles of structured teaching to maximize student independence and to allow teachers to deliver direct instruction of student IEPs on an individual and small group basis. Attention is given to appropriate and purposeful inclusion of students in the general education setting as well. These programs use a team approach to address the unique needs of each student. Depending on student need, service providers from a variety of disciplines plan and implement the overall educational program.
Technology Applications

Parental Internet approval is required for all students enrolled in courses receiving Tech. Apps. credit. A lab fee is required of all students enrolled in Technology Applications courses to cover costs of storage media and consumables. Students must complete two semesters of the same course in order to receive credit. All courses listed in this section satisfy the Technology Applications credit required for graduation.

Sports Broadcast Journalism I-III

Grades 11-12, 1 credit

Sports Broadcast Journalism is an extension of Broadcast Journalism designed to give students an opportunity to gain an understanding of the sports broadcasting industry. Students will learn skills including planning, interviewing, writing, public speaking, filming, and editing to produce sports content for the Deer Network and Clyde Abshier Stadium. They will also learn how to use high-end technology in the production of select live sporting events throughout the year. Strategies in leveraging social media and career investigations in the sports industry will be explored by the students. Some after school work time is required.

PREREQUISITES: Successful completion of Broadcast Journalism I; Audio/Video Application and approval from Broadcast Journalism teacher.

Business Information Management I

Grades 9-12, 1 credit

This class is designed to prepare students for college as well as to strengthen individual performance in the workplace. Students will be taught to format documents properly. Students will create word-processing documents, develop spreadsheets, formulate a database and make electronic presentations using appropriate software. This course satisfies the technology applications credit required for graduation.

PREREQUISITES: Basic computer skills recommended

Completion of BIM I will qualify students to take the Microsoft Office® User Specialist (MOS) certification test; Computer Lab Fee $20 required.

Practicum in Business Management (Co-op)

Grades 11-12, 2 or 3 credits

This Co-op class is designed to give students supervised practical experience in the workplace while providing practical application of previously studied knowledge and skills. This Practicum course is designed to expose students to business professionals in roles such as marketing, management, engineering, finance/accounting and sales. Students will provide clerical assistance using Microsoft Office. Practicum experiences (jobs) occur in paid or unpaid arrangements at a variety of locations appropriate to the level of experience of each student. Students enrolled in this class will work at least 10 hours per week in a local business. This course can count for one credit of Technology Applications.

PREREQUISITES: BIM I recommended but not required; Co-op information sheet is required; Computer Lab Fee of $20 is required.

INTRODUCTION TO COMPUTER SCIENCE

Grades 9-12, 1 credit (Technology, LOTE Credit)

This hands-on course will introduce students to computer science and software engineering necessary for developing software applications to solve real-world problems. Students will learn to use logic to analyze real-world problems, develop software applications to solve those problems, implement their solutions in the most effective and efficient manner, and market/present their respective products to others. Students will initially code using Blockly (drag-and-drop), sharpen their programming skills with JavaScript, and develop fluency in Java, which will prepare them for AP Computer Science courses offered at Deer Park High School or college Computer Science classes. Experience in Computer Science is NOT needed to take this class. A fee of $10 will be charged to cover the cost of student projects.

PREREQUISITES: Successful completion of Algebra I and passed Algebra I STAAR test
COMPUTER SCIENCE A [AP] LOTE/Math

Grades 10-12, 1 credit (Technology, LOTE Credit or 4th Year Math Credit)

Students will learn how to code computer graphics, animation, and games, as well as solve real world problems. Computer Science A [AP] is a computer software development class with an emphasis on problem solving using logic and coding. It is the equivalent of a first semester college course in computer science. Programs are written in the Java programming language. Experience in Computer Science is NOT needed to take this class. A fee of $10 will be charged to cover the cost of student projects.

PREREQUISITES: Successful completion of Introduction to Computer Science or Algebra II or concurrent enrollment in PAP Algebra II.

ADVANCED COMPUTER SCIENCE (H)

Grades 10-12, 1 credit (Tech Credit or LOTE credit anticipated for students entering Grade 9 in 2015-2016)

This is a project based course that expands on object oriented programming and explores advanced computer science topics. The class will cover the principles of software engineering, data structures, common computer science algorithms, low-level programming languages and provide an introduction to networking. A fee of $10 will be charged to cover the cost of student projects.

PREREQUISITES: Successful completion of Computer Science A [AP]

Computer Science Principles [AP]

Grades 9-12, 1 credit

This hands-on and project-based course introduces students to the structure and design of the Internet, the impact computing has on society, cyber-security issues, algorithms, and the creative aspects of programming. Students will use logic and technology to address real-world problems and build relevant solutions. This course will prepare students for the Principles of Computer Science Advanced Placement exam for which students may earn college credit. Experience in Computer Science is NOT needed to take this class, but we recommend students take Intro to CS or AP CS Principles first. A fee of $10 will be charged to cover the cost of student projects.

PREREQUISITES: Intro to CS or Alg I credit

Mobile Application Development

Grades 10-12, 1 credit

Grab your cell phone and bring it to class. Learn how to make and sell your own apps for your cell phone. This is a Computer Science class that teaches you how to write code for cell phone apps, including your own games. The student will learn a high-level programming language, either Java or Objective C. (Cell phone is optional. If you do not have one, you can still take the class.) A fee of $10 will be charged to cover the cost of student projects.

PREREQUISITES: Successful completion of Algebra I and passed Algebra I STAAR test

Game Programming and Design

Grades 10-12, 1 credit

Students will use creativity and innovation to create computer games. Students will learn how to design graphics and program computer software. Required lab fee of $5.00.

PREREQUISITES: Successful completion of Algebra I and passed Algebra I STAAR test

Robotics Programming and Design

Grades 9-12, 1 credit (Technology or 4th Year Math Credit)

Robotics is one of the fastest growing industries in the world. In this lab-based course, a hands-on approach is implemented to afford students an opportunity to learn and use complex math and science concepts necessary in the field of Robotics Engineering. The course curriculum mixes important concepts and skills from Mechanical Engineering, Electrical Engineering, and Software Programming. Learning will focus on development, construction, and programming of autonomous, typically mobile, machines and devices used for solving real-world problems. State-of-the-art equipment, cutting-edge technological innovations, and latest software are used to reinforce key skills and provide students with a holistic learning experience. Major projects include competing in world-class robotics tournaments.

A fee of $15 will be charged to cover the cost of student projects.

PREREQUISITES: Successful completion of Algebra I

Advanced Robotics Programming and Design

Grades 11-12, 1 credit (Technology Credit)

Students who have succeeded in Robotics Programming and Design are encouraged to sign up for this course. Advanced concepts in Robotics Engineering are introduced, and students in this course will continue honing their STEAM skills to become marketable assets for tomorrow’s robotics industry leaders. In this course, the same
holistic learning experience from Robotics Programming and Design is accentuated with acute development of leadership abilities and other important soft skills. Students will be responsible for designing and implementing projects to help solve problems beyond the classroom walls. Learning will focus on innovative projects that involve the community and afford students with opportunities to be responsible citizens and community leaders.
A fee of $15 will be charged to cover the cost of student projects.

**PREREQUISITES: Successful completion of Robotics Programming and Design**

**Digital Art and Animation**  
PEIMS 03580500  
**Grades 10-12, 1 credit (Technology Credit or Fine Arts Credit)**  
Digital Art & Animation provides a foundation in the fundamental of design within the art and graphic profession. The course covers software such as Adobe Photoshop, Adobe Flash, and Adobe Illustrator, as well as image scanning, digital editing, computer design basics, commercial art fundamentals and creative problem solving. Students will develop the basic knowledge, concepts, technical skills, and vocabulary necessary for creating digital art and animation. Required lab fee of $15.

**PREREQUISITES: none**

**3D Modeling and Animation**  
PEIMS 03580510  
**Grades 10-12, 1 credit**  
This course uses professional computer software such as 3D Studio Max, Photoshop, and Premiere to create 3D objects, textures, lighting, and animation in a 3D environment that could be used in games, movies, and designs. Required lab fee of $15.00.

**PREREQUISITES: Digital Art & Animation or Teacher Recommendation**

**Audio & Video Production (Digital Video)**  
PEIMS 13008500  
**Grades 10-12, 1 credit**  
Digital Video and Audio Design provides a study of basic video production techniques. Each student will be exposed to various roles of a production crew. Students will develop basic camera, basic lighting, basic sound, scriptwriting, and non-linear editing skills. Editing skills will be acquired using Adobe video collection. Both group and individual video projects will be created. A fee of $15 will be charged to cover the cost of individual headphones and a final DVD portfolio.

**PREREQUISITES: Strong computer skills and creative skills**

**Web Technologies**  
PEIMS 13027900  
**Grades 10-12, 1 credit**  
Web Design is the study of the impact of the World Wide Web on society, elements of web design, and web site creation and management. Students will develop web content pages and sites primarily in HTML and CSS. Using professional graphics software, the students will create original artwork for the sites they build. Required lab fee of $5.00.

**PREREQUISITES: Algebra I and passed Algebra I STAAR**

**Digital Media**  
PEIMS 13027800  
**Grades 10-12, 1 credit**  
Digital Design and Media Production will prepare students with skills used in 21st Century Technology. These skills will allow students to produce high quality products through the use of creative thinking and creative strategies. Adobe products that we will be using are Photoshop, Illustrator, InDesign, Flash, Dreamweaver and Premiere. These productivity tools will be used to create an experience that simulates and prepares them for a real world experience. Required lab fee of $15.00.

**PREREQUISITES: None**

**Advanced Audio Video Production (Printing & Imaging Technology) (2 periods)**  
PEIMS 13008600  
**Grades 11-12, 2 credits**  
Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing advanced knowledge and skills needed for success in the Arts A/V technology and communications career cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, and post-production activities.

**PREREQUISITES: Audio/Video Production**
Foundations of Cybersecurity  
**Grades 10-12, 1 credit**

Students enrolled in this course will explore fundamental concepts related to the ethics, laws, and operations of cybersecurity. They will examine trends and operations of cyberattacks, threats, and vulnerabilities. Students will review and explore security policies designed to mitigate risks.

*PREREQUISITES: AP Computer Science and Teacher approval*

Emerging Technologies  
**Grades 10-12, 1 credit**

Students enrolled in this course will explore, use, design, and develop evolving and emerging technologies. This course will include a wide array of new technology such as: drones, virtual reality, smart watches/smart homes, 3D printing, and AI. Students will learn to make informed decisions, develop and produce original work that exemplifies the standards identified by the selected profession or discipline, and publish the product in electronic media and print. By using technology as a tool that supports the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results.

*PREREQUISITES: AP Computer Science A or AP Computer Science Principles*
Career & Technical Education (CTE)

All courses in Career & Technical Education are electives and may be used to fulfill elective requirements for all high school programs. Some courses may be taken for academic credit.

[Articulated courses] - 11th and 12th grade students that successfully complete an articulated course with a grade of 80 or better are eligible to receive college credit towards a technical degree/certification from most community colleges in Texas.

Agriculture, Food, & Natural Resources

South Campus students will be required to ride a shuttle bus to/from the classes taught at the Agricultural/Science Center.

Principles of Agriculture, Food, & Natural Resources  PEIMS 13000200
Grade 9, 1 credit
A comprehensive foundation course designed to introduce young adults to global agriculture. This course includes topics in agricultural career development, leadership, communications, personal finance, plants, animals, soils, agricultural construction, food science, farming and ranching, shop safety, and supervised agricultural experience projects. Leadership is an important aspect of this course and involvement in FFA is strongly encouraged.

PREREQUISITES: None

Agricultural Mechanics and Metal Technologies (Ag Mechanics) (First year)  PEIMS 13002200
Grades 10-12, 1 credit
A course designed to focus on general technical skills and shop safety. Technical Skills to be covered in this course include tool identification, safe use of tools, carpentry, plumbing, masonry, electricity, fencing, painting, and welding and fabrication skills. Leadership skills are promoted in this course and involvement in FFA is strongly encouraged. This course incorporates NCCER curriculum to offer credentials recognized by industry. Required fee of $20.

RECOMMENDED PREREQUISITES: Principles of Ag, Food, & Natural Resources

Agricultural Structures Design & Fabrication I (Ag Mechanics) (Second year)  PEIMS 13002310
Grades 11-12, 2 credits, 2 periods
A shop-oriented course designed to reinforce the basic principles of agricultural mechanics. Topics may include blueprint reading, carpentry, construction, electrical systems, plumbing systems, concrete and masonry, small engines and power systems, metal construction and large project builds. Computer Aided Plasma Cutting design and fabrication will be taught and applied. Leadership skills are promoted in this course and involvement in FFA is strongly encouraged. Required fee of $20.

PREREQUISITES: Agricultural Mechanics & Metal Technologies, successful completion of NCCER curriculum

Practicum in Agriculture, Food, & Natural Resources I (Ag Mechanics) (Third year)  PEIMS 13002500
Grade 12, 2 credits, 2 periods
A shop-oriented course designed to teach technical development of skills and knowledge in the area of agricultural mechanics. The course will emphasize planning and construction of metal projects, oxyfuel cutting, machine maintenance, electrical systems, concrete and masonry, plumbing systems, paint finish applications, financial management and recordkeeping, and career opportunities. Computer Aided Plasma Cutting design and fabrication will be taught and applied. Leadership skills are promoted in this course and involvement in FFA is strongly encouraged. Required fee of $20.

PREREQUISITES: Agricultural Structures Design and Fabrication
**Livestock Production**  
*PEIMS 13000300*  
*Grades 10-12, 1 credit*  
A technical course designed to introduce students to the nutrition, reproduction, health, and management of domestic livestock. Classes of livestock, species specific system information, business management, and career opportunities will be covered as well. Supervised Agricultural Experience Projects will be encouraged through this course. Leadership skills are promoted in this course and involvement in FFA is strongly encouraged.  
**RECOMMENDED PREREQUISITES:** *Principles of Ag, Food, & Natural Resources*

**Small Animal Management**  
*PEIMS 13000400*  
*Grades 10-12, 0.5 credit*  
A technical course designed to introduce students to the nutrition, reproduction, health, and care of small animals including but not limited to, amphibians, reptiles, birds, cats, and dogs. Career opportunities, ownership, and animal welfare issues will also be covered. Continental kennel club canine care and training certification may be offered. Leadership Skills are encouraged in this course and involvement in FFA is encouraged.  
**$20 fee**  
**RECOMMENDED PREREQUISITES:** *Principles of Ag, Food, & Natural Resources*

**Equine Science**  
*PEIMS 13000500*  
*Grades 10-12, 0.5 credit*  
In Equine Science, students will acquire knowledge and skills related to equine animal systems and the equine industry. Equine Science may address topics related to horses, donkeys, and mules. To prepare for careers in the field of animal science, students must enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.  
**RECOMMENDED PREREQUISITES:** *Principles of Ag, Food, & Natural Resources*

**Advanced Animal Science (Science credit)**  
*PEIMS 13000700*  
*Grade 12, 1 credit (Must be fourth year of science)*  
This course is a general 4th year science credit. Classroom instruction will be animal science based and lab oriented. Appropriate scientific equipment and inquiry methods will be used to further student knowledge of animal science. Topics will include animal anatomy and physiology, animal genetics and reproduction, animal health and diseases, as well as general livestock management and handling techniques. Leadership Skills are encouraged in this course and involvement in FFA is encouraged.  
**PREREQUISITES:** *Small Animal Management and Equine or Livestock and successful completion of 3 sciences which must include IPC or Chemistry*

**Veterinary Medical Applications**  
*(First year)*  
*PEIMS 13000600*  
*Grades 11-12, 1 credit*  
This course is designed to prepare students for careers in the field of animal science and veterinary medicine. Topics will include veterinary practices and knowledge as they relate to both large and small animal care. Animal behavior, communication, species and breed information, diseases and disorders, parasites, clinical examinations, hematology, and veterinary hospital procedures may be covered. Leadership skills are promoted in this course and involvement in FFA is strongly encouraged.  
**PREREQUISITES:** *Livestock Production OR Small Animal Management*

**Practicum in Ag, Food, & Natural Resources**  
*(Veterinary Medicine)*  
*(Second year)*  
*PEIMS 13002500*  
*Grade 12, 2 credits*  
This course is a continuation of the Veterinary Medical Applications course providing more in depth opportunities for students to increase their knowledge in animal anatomy, animal disease, treatment techniques, lab procedures, emergency procedures, and clinical work experience. Students will be required to participate in no less than 10 hours per week in clinical rotations as well as to obtain an approved internship in order to gain hands on experience in a veterinary setting. Students in this course can work towards obtaining their Certified Veterinary Assistant (CVA) license through the Texas Veterinary Medical Association. Students must be able to provide their own transportation to the clinical setting and will be required to purchase materials needed for the course and internship.  
**PREREQUISITES:** *Veterinary Medical Applications AND Approval Process*
### Floral Design  (Fine Arts credit)  
**PEIMS 13001800**  
**Grades 10-12, 1 credit**  
Students will receive Fine Arts credit for successful completion of this course. This course is designed to develop skills in the design and arrangement of flowers, foliage, and related plant materials. Topics may include career opportunities, business management, flower identification, and multiple arrangement styles. Leadership skills are promoted in this course and involvement in FFA is strongly encouraged. A fee of $30 will be charged for material use in this course by student or sponsor. Arrangements will be taken home by students if floral fee is paid by student.  
**PREREQUISITES: None**

### Advanced Floral Design  
**PEIMS N1300270**  
**Grades 11-12, 1 credit**  
This course is a continuation of the Floral Design course providing more in-depth opportunities for students to increase their knowledge in the floral design industry. Students will work in class in a mock flower shop in order to gain hands on experience in a flower shop setting. Students in this course will work towards obtaining their Level 1 High School Certification through the Texas State Floral Association. Leadership skills are promoted in this course and involvement in FFA is strongly encouraged. A fee of $40 will be charged for material use in this course. Arrangements will be taken home by student.  
**PREREQUISITES: Floral Design**

### Practicum in Ag, Food, & Natural Resources  (Floral Design)  
**PEIMS 13002500**  
**Grade 12, 2 credits**  
This course is a continuation of the Practicum in AFNR I (Floral Design) course providing more in-depth opportunities for students to increase their knowledge and skills in the floral design industry. Leadership skills are promoted in this course and involvement in FFA is strongly encouraged. A fee of $40 will be charged for material use in this course. Arrangements will be taken home by student.  
**PREREQUISITES: Advanced Floral Design**

### Wildlife, Fisheries, and Ecology Management  
**PEIMS 13001500**  
**Grades 10-12, 1 credit**  
This course is designed to examine the importance of wildlife, fish, and other natural resources and management techniques related to these areas. Topics may include career opportunities, wildlife and fish species identification, state and federal laws, and ecosystem relationships. Texas Parks and Wildlife Department Hunter Safety and Boaters Education may be offered as a part of this course. Leadership skills are promoted in this course and involvement in FFA is strongly encouraged.  
**RECOMMENDED PREREQUISITES: Principles of Ag, Food, & Natural Resources**

### Introduction to Process Technology  
**PEIMS N1300262**  
**Grades 11-12, 1 credit**  
This course is an overview of various industries using process technology such as petro-chem plants, refineries, oil and gas production, and power generation. Basic processes, equipment and systems, and quality concepts associated with the work environment of a process technician will be covered.  
**PREREQUISITIES: None**

### Petro Chemical Safety, Health, and Environment  
**PEIMS N1300264**  
**Grades 11-12, 1 credit**  
This course provides opportunities for students to learn about environmentally sound work habits within the petro chemical industry. Emphasis will be on safety, health, and environmental considerations and the performance of all job tasks and regulatory compliance matters.  
**PREREQUISITIES: None**
Architecture & Construction

Principles of Construction (Wood Shop)  PEIMS 13004220
Grades 9-12, 1 credit
This course provides an overview to the various fields of architecture, construction science and construction technology. Topics include, safety, work ethic, problem solving and critical thinking, career development, technical skills, and introduction to hand tools, power tools, and reading of technical drawings. This course incorporates NCCER curriculum to offer credentials recognized by industry. In order to be eligible for this industry credential, student must provide social security number. A fee of $30 is required.

PREREQUISITES: None

Interior Design I  PEIMS: 13004300
Grades 10-12, 1 credit
So You Want to Be an Interior Designer...Interior Design is much more than just decorating; Interior Designers affect the way we feel when we walk into a room. In this class you will learn: the elements & principles of design, color theory, materials, furniture, space planning, furniture arranging, the trends and issues of interior design & housing. Curriculum also includes awesome field trips such as the well-known Houston Design Center. You will participate in hands-on projects and you will leave this class with knowledge and skills that can help you start your educational pathway as an interior designer and/or basic skills you can use in your future home, apartment or dorm room!

PREREQUISITES: Algebra I and English I
RECOMMENDED PREREQUISITES: Principles of Construction

Construction Technology I  PEIMS 13005100
Grades 10-12, 2 credits, 2 periods
Construction Technology is a laboratory and job site based course where students develop knowledge and skills specific to entry level construction technician jobs. Students acquire skills in machine and tool usage through classroom instruction and hands-on building experience at construction job sites in Deer Park and surrounding areas. General job site safety, machine safety and material handling safety will be taught extensively throughout this course. A fee of $30 is required.

PREREQUISITES: Successful completion of Principles of Construction and NCCER curriculum

Construction Technology II  PEIMS 13005200
Grades 11-12, 2 credits, 2 periods
In Advance Construction Technology, students gain advanced knowledge and skills specific to those needed to enter the work force as carpenters, general construction technicians or building maintenance technicians. Students are also prepared to continue postsecondary degree studies in construction management, architecture or engineering. Students build on the knowledge base from construction technology and are challenged with independent projects in the lab and in the field. A fee of $30 is required.

PREREQUISITES: Construction Technology I

(HVAC) Refrigeration Tech. I (Dual Credit at SJC-North/South)  PEIMS 13005800
Grades 11-12, 1 credit
A study of components, applications, and installation of mechanical air conditioning systems including operating conditions, troubleshooting, repair and charging of air conditioning systems. Students must meet entrance requirements & complete registration forms in order to participate in this course. Additional college fees may apply. Application required.

PREREQUISITES: None

NOTE: Course will be taught at San Jacinto College-North or South and will earn dual credit. (Students are required to have their own transportation.)
In Advanced Heating, Ventilation, and Air Conditioning (HVAC-R) and Refrigeration Technology, students gain advanced knowledge and skills specific to those needed to enter the industry as HVAC and refrigeration technicians or building maintenance technicians or supervisors or prepare for a postsecondary degree. Students acquire knowledge and skills in safety, electrical theory, tools, codes, installation of commercial HVAC equipment, heat pumps, troubleshooting techniques, various duct systems, and maintenance practices. Additional college fees may apply.

**PREREQUISITES:** Air Conditioning and Refrigeration Technology

**NOTE:** Course will be taught at San Jacinto College-North or South and will earn dual credit. (Students are required to have their own transportation.)

### Arts, A/V Technology & Communications

#### Principles of Arts, Audio Video Technology, and Communications

**Grade 9, 1 credit**

This is an exploratory course designed to gain knowledge and skills in the area of the Arts, Audio Video Technology, and Communications cluster. Areas of investigation will include the following topics: Audio Video Production, Commercial Photography, Digital Art/Animation, Mobile Applications, Web Design, Yearbook, and Newspaper. Students will develop an understanding of the various and multifaceted career opportunities in the field of Arts, Audio Video Technology, and Communications fields. Required lab fee of $15.00.

**PREREQUISITES:** None

#### Commercial Photography I

**Grades 10-12, 1 credit**

This activity based course provides a basic introduction into the exciting and creative world of visual communications via the photographic process. Emphasis will be placed on using and controlling a DSRL camera system, capturing and processing digital images and learning the rules of composition and design, as well as learning how to manipulate photos and edit them in Photoshop. Studio setup will also be introduced in this course. A $30 lab fee will be required to cover the cost of student projects. Students will provide their own SD card. It is advisable for students to have their own camera.

**RECOMMENDED PREREQUISITES:** Principles of Arts, Audio Video Technology, and Communications

#### Commercial Photography II

**Grades 11-12, 1 credit**

This course will help students become well rounded in the fundamentals of digital photography. Students will also learn how to take photos using film cameras and the film process in the dark room. Students will develop mastery of concepts, composition, and execution of photographic themes and ideas. Optimal studio lighting techniques and analysis of photographic composition will be explored. Photo editing software will be applied to create photographic materials for portfolios, art galleries, and state photo competitions. $40 lab fee & SD card. It is advisable for students to have their own camera.

**PREREQUISITES:** Commercial Photography & prior approval of instructor is required.

#### Practicum in Commercial Photography

**Grade:12, 2 credits**

This course is designed for students who want to further enhance their photographic knowledge and abilities while developing a clear sense of direction for their career choice. Students will “work” in the field on various job assignments/projects at the discretion of the instructor. Production, file management, and digital manipulation, project – based evidence of the fundamentals of photography and mastery of studio work including lighting will be incorporated in all lessons and projects. Practicum students will compete in several regional, state, and national competitions throughout the year. Learning to work with clients & peers, attention to details self-motivation, research, organization, problem solver and strong communication skills both verbally and in writing are essential key elements for success in this course.

Furthermore, a detailed portfolio is expected at the end of the course with a professional presentation with an audience is required.
$40.00 lab fee & SD card. It is advisable for students to have their own camera.

**PREREQUISITES:** Comm Photo II and Instructor Approval

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**Audio/Video Production**

**PEIMS 13008500**

**Grades 10-12, 1 credit**

This course provides a basic study of Audio and Video Production skills and techniques. Students participate in various roles of production crews in order to develop camera, lighting, sound, scriptwriting, and non-linear editing skills. Students utilize programs in the Adobe Creative Suite software package in addition to other hardware devices. Students develop an understanding of the industry with a focus on pre-production, production and post-production audio and video activities. Required lab fee of $15.00.

**RECOMMENDED PREREQUISITES:** Principles of Arts, Audio/Video Technology and Communications

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**Business, Management & Administration**

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**Principles of Business, Marketing and Finance**

**PEIMS 13011200**

**Grade 9, 1 credit**

Principles of Business, Marketing and Finance is designed to develop an understanding of the fundamental concepts of the world of work as well as the management of one’s personal affairs. First Semester - Students are introduced to business management, marketing, finance and operation procedures. The study of the world of work includes an overview of economic systems, types of businesses, forms of ownership, technology in the business setting, and one’s role and impact in a business. Second Semester - A component is included for individual career planning and personal financial planning, including budgeting and consumer issues. Development of essential money management skills such as use of income, banking, credit, and keeping personal records are explored.

**PREREQUISITES:** None

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**Business Information Management I**

**PEIMS 13011400**

**Grades 10-12, 1 credit**

This class is designed to prepare students for college as well as to strengthen individual performance in the workplace. Students will be taught to format documents properly. Students will create word-processing documents, develop spreadsheets, formulate a database and make electronic presentations using appropriate software. Basic computer skills recommended. Computer Lab Fee $20 required.

**RECOMMENDED PREREQUISITES:** Principles of Business, Marketing, and Finance

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**Business Information Management II**

**PEIMS 13011500**

**Grades 11-12, 1 credit**

Students will learn intermediate to advanced level software packages and build upon the knowledge and skills learned in BIM I. This class will help the student make a successful transition into the workforce or into college. Completion of BIM II will qualify students to take the Microsoft Office User Specialist Certification Test (MOS). Computer Lab Fee $20 required.

**PREREQUISITES:** Business Information Management I

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**Practicum in Business Management I**

**PEIMS 13012200**

**Grades 11-12, 2 credits**

This Co-op class is designed to give students supervised practical experience in the workplace while providing practical application of previously studied knowledge and skills. Practicum experiences (jobs) occur in a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen
individual performance in the workplace and in society. In this Co-op class, students work in training positions within the oil industry, insurance agencies, school district positions, and various industry front desk positions. Computer Lab Fee $20 required.

**RECOMMENDED PREREQUISITES: BIM I recommended but not required**

**Extended Practicum in Business Management I**

*PEIMS 13012205*

*Grade 11-12, 3 credits*

This practicum course is a paid or unpaid (volunteer) capstone experience for students participating in a coherent sequence of CTE courses in the Business Management and Administration career cluster. Students will use knowledge and skills learned in previous CTE courses to make a successful transition into the workforce. Content covered in Practicum in Business Management I will also be taught in this course. This course is an extension to Practicum in Business Management. Computer Lab fee of $20 required.

**RECOMMENDED PREREQUISITE: BIM I**

**Practicum in Business Management II**

*PEIMS 13012210*

*Grade 12, 2 credits*

This Co-op class is designed to give students supervised practical experience in the workplace while providing practical application of previously studied knowledge and skills. Practicum experiences (jobs) occur in a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society. In this Co-op class, students work in training positions within the oil industry, insurance agencies, school district positions, and various industry front desk positions. Computer Lab Fee $20 required. *This course can count for one credit of Technology Applications.*

**PREREQUISITES: Practicum in Business Management I**

**Extended Practicum in Business Management II**

*PEIMS 13012215*

*Grade 12, 3 credits*

This practicum course is a paid or unpaid (volunteer) capstone experience for students participating in a coherent sequence of CTE courses in the Business Management and Administration career cluster. Students will use knowledge and skills learned in previous CTE courses to make a successful transition into the workforce. Content covered in Practicum in Business Management II will also be taught in this course. This course is an extension to Practicum in Business Management. Computer Lab fee of $20 required.

**PREREQUISITE: Practicum in Business Management I**
Human Growth and Development
PEIMS 13014300
Grades 10-12, 1 credit

Human Growth and Development is an exploration into how people grow, change, and develop over the course of their life from birth to death. We study the theories and research behind human development cognitively, physically, and socio-emotionally. In this course we will focus on the challenges we gave at each stage, learning how and why we do the things we do. Topics discussed with include theories of development, ethics, pregnancy, learning styles, adolescence, relationships, adulthood, and life balance. Students are encouraged to join Family, Career, and Community Leaders of America to provide additional hands on learning opportunities as well as building leadership skills. Students are encouraged to participate in extended learning experiences through the Family Consumer Science student organization Family Career Community Leaders of America (FCCLA).

RECOMMENDED PREREQUISITES: Principles of Human Services

Education and Childcare Career Prep I
PEIMS 12701300
Grades 11-12, 2 credits

Changing lives in real classrooms could be in your future! If you are ready to work, get paid and receive hands on experience working with children, then this is the class for you. Students in this class receive classroom instruction as well as on the job training in the area of Early Childhood. Students can work in local elementary schools or daycare centers. Students will learn theories of the development and the learning process, plan and direct instruction as well as careers related to children and/or the teaching field. Application and interview required. If you are interested, see your counselor for an application.

RECOMMENDED PREREQUISITES: Successful completion of at least one CTE course; Child Guidance or Human Growth and Development; minimum age-16

Extended Education and Child Care Career Prep I
PEIMS 12701305
Grades 11-12, 3 credits

Extended career preparation provides opportunities for students to participate in a work based learning experience that combines classroom instruction with opportunities to work with young children. The goal is to prepare students with a variety of skills in the area of child care and education. Content covered in Education and Child Care Career Prep I will be taught in this course.

PREREQUISITE: Successful completion of at least one CTE course; minimum age-16

Education and Childcare Career Prep II
PEIMS 12701400
Grade 12, 2 credits

Changing lives in real classrooms could be in your future! If you are ready to work, get paid and receive hands on experience working with children, then this is the class for you. Students in this class receive classroom instruction as well as on the job training in the area of Early Childhood. Students can work in local elementary schools or daycare centers. Students will learn theories of the development and the learning process, plan and direct instruction as well as careers related to children and/or the teaching field. Application and interview required. If you are interested, see your counselor for an application.

PREREQUISITES: Education and Child Care Career Prep I; minimum age-16

Extended Education and Childcare Career Preparation II
PEIMS 12701405
Grades 12, 3 credits

Extended Education and Childcare Career Preparation II provides opportunities for students to participate in a work based learning experience that combines classroom instruction with opportunities to work with young children. The goal is to prepare students with a variety of skills in the area of child care and education. Content covered in Education and Child Care Career Prep II will be taught in this course.

PREREQUISITE: Education and Child Care Career Prep II; minimum age-16
Finance

**Principles of Business, Marketing and Finance**

*Grade 9, 1 credit*

Principles of Business, Marketing and Finance is designed to develop an understanding of the fundamental concepts of the world of work as well as the management of one’s personal affairs.

First Semester - Students are introduced to business management, marketing, finance and operation procedures. The study of the world of work includes an overview of economic systems, types of businesses, forms of ownership, technology in the business setting, and one’s role and impact in a business.

Second Semester - A component is included for individual career planning and personal financial planning, including budgeting and consumer issues. Development of essential money management skills such as use of income, banking, credit, and keeping personal records are explored.

**PREREQUISITES: None**

**Money Matters**

*Grades 10-12, 1 credit*

Money Matters teaches students with Dave Ramsey curriculum and a Financial Literacy textbook how to manage their money by saving money, budgeting, avoiding debt, making wise purchases, etc. Students are provided a valuable workbook that goes along with videos geared toward teenage learners. Students are taught valuable money and investment concepts of the time value of money, compound interest, diversification in investing, etc. Students learn that if they start saving young they can build wealth and live a life free from the stress that debt can bring to their life. Other topics covered include insurance, consumer awareness, investing and retirement, bargain shopping, money and relationships, careers, taxes, and giving.

**RECOMMENDED PREREQUISITES: Principles of Business, Marketing and Finance**

**Accounting I**

*Grades 10-12, 1 credit*

A comprehensive foundation course designed to introduce young adults to the field of accounting. This course allows students to see how accounting impacts industry standards as well as economic, financial, technological, international, social, legal, and ethical factors of business. Students will reflect on this knowledge as they are engaged in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students analyze and interpret financial information used by management to make solid business decisions.

**RECOMMENDED PREREQUISITES: Principles of Business, Marketing and Finance**

**Accounting II**

*Grades 11-12, 1 credit*

Students continue the investigation of the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in various managerial and cost accounting activities. Students formulate and interpret financial information for use in management decision making.

**PREREQUISITES: Accounting I**
Health Science

**Principles of Health Science**  
*Grades 9-12, 1 credit*
Do you enjoy helping people? Are you looking for a career that is both challenging and rewarding? Maybe you should consider a career in healthcare? In this course you will explore different healthcare career options as well as basic knowledge and skills that apply to the healthcare industry. Course content includes healthcare careers, employability skills, wellness and disease prevention, basic medical terminology, and legal and ethical issues in healthcare.

**Medical Terminology**  
*Grades 10-12, 1 credit*
Have you completed Principles of Health Science and would you like to be more proficient in the language of the medical field? This course is for you! This course is designed to gain more knowledge of medical terminology used in the health care field. The Medical Terminology course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular/plural forms and medical abbreviations, within all of the body systems. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, anatomy and physiology, and pathophysiology. Fee $5  
*PREREQUISITE: Principles of Health Science*

**Health Science Clinical/Theory**  
*Grades 11-12, 2 credits*
Did you know that there are more than 200 different careers in the medical field? Want to narrow down your choices? This may be the class for you! A second year course designed for students wanting to explore careers in the medical field. The course is taught by clinical rotations through community healthcare facilities. Students will learn the importance of collaboration between various disciplines in providing comprehensive health care. This course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Opportunities for hands-on experiences for continued knowledge and skill development will be available in the classroom. Students are responsible for purchasing scrubs, meeting immunization requirements, and alcohol/drug screens. Students may also need to provide and pay for additional items as requested by rotation facility. HOSA membership strongly encouraged. Information sheet required.  
*PREREQUISITES: Principles of Health Science, Medical Terminology, application and Teacher Approval Required*

**Health Science Theory**  
*Grades: 11-12, 1 credit*
Did you know that there are more than 200 different careers in the medical field? Want to narrow down your choices? This may be the class for you! A second year course designed for students wanting to explore careers in the medical field. Students will learn the importance of collaboration between various disciplines in providing comprehensive health care. This course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Opportunities for hands-on experiences for continued knowledge and skill development will be available in the classroom. HOSA membership strongly encouraged.  
*PREREQUISITES: Principles of Health Science and Medical Terminology*

**Anatomy and Physiology (H) [Science Credit]**  
*Grades 11-12, 1 credit*
This course is a laboratory and field-oriented course focusing on the structure and function of the human body. Histology as well as integumentary, circulatory, respiratory, urinary, skeletal, muscular, lymphatic, immune, reproductive, nervous, and endocrine systems are investigated. Computer probe-ware is used to take student data. Students will perform a mammal dissection to help reinforce the structure of organs. Students who plan to pursue the biomedical fields, nursing, or associate degrees in other health-allied sciences will greatly benefit from this class.  
*PREREQUISITES: Successful completion of Algebra I, Biology, and Chemistry; passed Algebra I and Biology STAAR tests*  
*RECOMMENDED: Three credits of science*
### Medical Microbiology [Science Credit]
**PEIMS 13020700**
**Grades 11-12**
The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and emerging diseases.

**PREREQUISITIES:** Successful completion of Biology and Chemistry and passed Biology EOC

### Pathophysiology [Science Credit]
**PEIMS 13020800**
**Grades 11-12**
Pathophysiology will study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology.

**PREREQUISITIES:** Successful completion of Biology and Chemistry and passed Biology EOC

### Pharmacology
**PEIMS 13020950**
**Grade 12, 1 credit**
This course is designed to study how natural and synthetic chemical agents such as drugs, affect biological systems. Knowledge of the properties of therapeutic agents is vital in providing quality health care. It is an ever changing, growing body of information that continually demands greater amounts of time and education from health care workers. This is a student centered class with online learning. Students will use the PassAssured Program and its interactive pharmacy tech training to prepare for the national certifying exam. Once students successfully complete the program, they can take the Certified Pharmacy Technician test. Upon successful completion of the exam and high school graduation, students will be able to work in a pharmacy.

**PREREQUISITES:** Principles of Health Science, Medical Terminology, Bio and Chem

### Practicum in Health Science I
**PEIMS 13020500**
**Grades 11 - 12, 2 credits**
Would you be interested in working in a medical facility while in high school? This may be the course for you! A second year course designed for students to gain experience in the Medical field through a paid work environment. The student will observe and/or give assistance to professional health care personnel at work. Classroom work includes Anatomy and Physiology, Diseases, Medical Terminology and Medical Careers. Students must provide their own transportation to work. Students are responsible for purchasing their attire for the work place, such as scrubs. Information sheet required.

**PREREQUISITES:** Theory or Clinicals and teacher recommendation

### Extended Practicum in Health Science I
**PEIMS 13020505**
**Grade 11-12, 3 credits**
This practicum course is a paid or unpaid (volunteer) capstone experience for students participating in a coherent sequence of CTE courses in the Health Science career cluster. Students will use knowledge and skills learned in previous CTE courses to make a successful transition into the workforce. Content covered in Practicum in Health Science I will also be taught in this course. This course is an extension to Practicum in Health Science.

**PREREQUISITE:** Theory or Clinicals and teacher recommendation

### Practicum in Health Science II
**PEIMS 13020510**
**Grade 12, 2 credits**
Have you completed Practicum in Health Science but would like to learn more and work in the medical field or do you have a strong background in math and would you like to train to be a pharmacy technician while in high school? This course is for you! A third year Advanced Career Preparation course designed for students to gain experience in the Medical field through a paid work environment; the student will observe and/or give assistance to professional health care personnel at work. Students must provide their own transportation to work. Students are responsible for purchasing their attire for the work place, such as scrubs. Information sheet required.

**PREREQUISITES:** Practicum in Health Science I

### Extended Practicum in Health Science II
**PEIMS 13020515**
**Grade 12, 3 credits**
This practicum course is a paid or unpaid (volunteer) capstone experience for students participating in a coherent sequence of CTE courses in the Health Science career cluster. Students will use knowledge and skills learned in previous CTE courses to make a successful transition into the workforce. Content covered in Practicum in Health Science II will also be taught in this course. This course is an extension to Practicum in Health Science II.

**PREREQUISITE:** Practicum in Health Science I

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### Hospitality & Tourism

#### Principles of Hospitality and Tourism

**PEIMS 13022200**

**Grades 9, 1 credit**

Hospitality and Tourism is the industry of providing customer service to travelers or guests. This industry maintains the largest national employment based in the private sector. Branches of Hospitality and Tourism include: travel, tourism, lodging, food, and recreation. Students will learn skills that meet industry standards to function effectively in various positions within this multi-faceted industry. Students are encouraged to participate in extended learning experiences such as, career and technical student organizations and other leadership or extra-curricular organizations. Fee $10

**PREREQUISITES:** None

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#### Introduction to Culinary Arts

**PEIMS 13022550**

**Grades 10-12, 1 credit**

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 and classroom based course. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extra-curricular organizations. Required fee of $30.

**RECOMMENDED PREREQUISITES:** Principles of Hospitality and Tourism or Lifetime Nutrition and Wellness

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#### Culinary Arts (2 periods)

**PEIMS 13022600**

**Grades 11-12, 2 credits**

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. Culinary Arts will extend content and enhance skills introduced in Intro to Culinary Arts by in-depth instruction of industry-driven standards in order to prepare students for success in higher education, certifications, and/or immediate employment. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions. Students are encouraged to participate in extended learning experiences such as CTSOs and other leadership or extracurricular organizations. Required lab fee of $30

**PREREQUISITES:** Intro to Culinary Arts

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#### Advanced Culinary Arts

**PEIMS 13022650**

**Grade 12, 2 credits**

This course will extend content and enhance skills introduced in culinary arts by infusing high-level, industry-driven content to prepare students for success in higher education, certifications, and/or immediate employment. This course will increase students’ depth of knowledge and experience in specific areas including baking, protein selection, advanced nutrition, and sustainability. Students will trace the origin of food recipe and preparation. They will be able to apply the USDA regulatory method of grading food as they select items for production. Students will differentiate between front and back of the house roles and how these areas work together to create a successful operation. Students will prepare for national certifications that will provide them an advantage for scholarships, college admittance, and employment. Required fee of $30

**PREREQUISITES:** Culinary Arts

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87
Food Science (Science credit)  PEIMS 13023000

*Grades 11-12, 1 credit*  (Must be fourth year of science)

This laboratory course is designed to reinforce and enhance the student’s knowledge of scientific principles and processes through the study of foods and nutrition. An in-depth understanding of science as it applies to foods will assist students with interest in career and technical education, to understand the food industry as well as food preparation in their daily lives. Students will be involved in hands-on laboratory activities which verify the scientific concepts learned. Lab fee of $15 is required.

**PREREQUISITES:** Successful completion of 3 science credits, 1 of which must include IPC or Chemistry

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Human Services

Principles of Human Services  PEIMS 13024200

*Grade 9, 1 credit*

This laboratory class provides opportunities for the students to develop skills in decision making, money management, nutrition and food preparation, relationships, conflict resolution and much more. Careers in each area are explored. This is a class that no one should be without! A fee of $10 will be required to cover the costs of student projects. Students are encouraged to participate in extended learning experiences through Family, Career and Community Leaders of America (FCCLA).

**PREREQUISITES:** None

Counseling and Mental Health  PEIMS 13024600

*Grades 10-12, 1 credit*

Ever wonder what makes someone do what they do? Thinking about a career in mental health services? Counseling & Mental Health gives students the opportunity to discover the importance of mental health in a healthy life and the effects of mental illness. Students will learn about personality and mood disorders, stress and anger management, depression and much more. Also students will become familiar with the ethical and legal responsibilities of the mental health worker. Students are encouraged to participate in extended learning experiences through Family, Career and Community Leaders of America (FCCLA).

**RECOMMENDED PREREQUISITES:** Principles of Human Services

Child Development  PEIMS 13024700

*Grades 10-12, 1 credit*

This course addresses knowledge and skills related to child growth and development from pre-natal through school age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children. Students are encouraged to participate in extended learning experiences through Family, Career and Community Leaders of America (FCCLA).

**RECOMMENDED PREREQUISITES:** Principles of Human Services

Child Guidance  PEIMS 13024800

*Grades 10-12, 2 credits*

Do you love working with children? Are you interested in a career in teaching or childcare? Child Guidance students have the opportunity to visit elementary campuses three times a week to work with children in a classroom environment. Students will also learn about parenting, childcare options, appropriate guidance techniques, how to work with children with special needs, and much more. This is a great opportunity to discover whether you are interested in becoming a teacher or childcare worker, and determine which age-range you would like to teach. Students are encouraged to join Family, Career, and Community Leaders of America to provide additional hands on learning opportunities as well as building leadership skills. Students are encouraged to participate in extended learning experiences through Family, Career and Community Leaders of America (FCCLA). $10 fee required.

**RECOMMENDED PREREQUISITES:** Principles of Human Services, Human Growth or Child Development

Lifetime Nutrition and Wellness  PEIMS 13024500

*Grades 10-12, 0.5 credit*

This laboratory course allows students to use principles of lifetime wellness and nutrition to help them make informed
choices that promote wellness across the lifespan as well as pursue careers related to education and training, health sciences, and human services. A fee of $15 will be required to cover the costs of food labs. Students are encouraged to participate in extended learning experiences through the Family Consumer Sciences student organization Family Career Community Leaders of America (FCCLA).

RECOMMENDED PREREQUISITES: Principles of Human Services
or Principles of Hospitality and Tourism

Family and Community Services

Family and Community Services PEIMS 13024900
Grades 10-12, 1 credit
You are the future, do you like what you see? Want to make a difference in the world? Be a part of the Family & Community Service class. This class provides you with the opportunity to work on your leadership skills and put those skills to work on a variety of service learning projects. Investigating careers that are related to this type of work may just persuade you to pursue a career helping others. Students must be passing all classes to participate in community service field trips. Students are encouraged to participate in extended learning experiences through the Family Consumer Sciences student organization Family Career Community Leaders of America (FCCLA).

RECOMMENDED PREREQUISITES: Principles of Human Services

Interpersonal Studies

Interpersonal Studies PEIMS 13024400
Grades 10-12, 0.5 credit
This course examines how the relationship between individuals and among family members significantly affects the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple roles, and pursue careers related to counseling and mental health services. Students are encouraged to participate in extended learning experiences through the Family Consumer Sciences student organization Family Career Community Leaders of America (FCCLA).

RECOMMENDED PREREQUISITES: Principles of Human Services

Information Technology

Web Technologies

Web Technologies PEIMS 13027900
Grades 10-12, 1 credit
Web Design is the study of the impact of the World Wide Web on society, elements of web design, and web site creation and management. Students will develop web content pages and sites primarily in HTML and CSS. Using professional graphics software, the students will create original artwork for the sites they build. Required lab fee of $5.00

PREREQUISITES: Algebra I and passed Algebra I STAAR

Digital Media

Digital Media PEIMS 13027800
Grades 10-12, 1 credit
Digital Design and Media Production will prepare students with skills used in 21st Century Technology. These skills will allow students to produce high quality products through the use of creative thinking and creative strategies. Adobe products that we will be using are Photoshop, Illustrator, InDesign, Flash, Dreamweaver and Premiere. These productivity tools will be used to create an experience that simulates and prepares them for a real world experience. Required lab fee of $15.00.

PREREQUISITES: None

Computer Maintenance

Computer Maintenance PEIMS 13027300
Grades 11-12, 1 credit, Dual credit taught at San Jac
Intro to Computer Technology (Fall Semester) at SJC is a fundamental computer course that provides in-depth explanation of the procedures to utilize hardware and software. Emphasis on terminology, acronyms, and hands-on activities. Examination of the functions of the components within a computer system. Development of skills in the use of test equipment and maintenance aids.
Computer Systems Maintenance (Spring Semester) at SJC is a thorough examination of the functions of the components within a computer system, students develop skill in the use of test equipment and maintenance aids.

**PREREQUISITES:** Familiar with most current Windows Operating Systems

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**Computer Programming**

*Grade 12, 1 credit, Dual credit taught at San Jac*

In this course students will acquire knowledge of structured programming techniques and concepts appropriate to developing executable programs and creating appropriate documentation. Students analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as it relates to computer programming. Students apply technical skills to address business applications of emerging technologies.

**PREREQUISITES:** Computer Maintenance Required

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**Computer Technician**

*Grade 12, 2 credits*

Job specific training for entry level employment. Instruction designed to provide occupational skills, while working for D.P.I.S.D. as a Computer Maintenance Technician. Students gain knowledge and skills in the area of computer technologies, including advanced knowledge of electrical and electronic theory, computer principles, and components related to the installation, diagnosis, service, and repair of computer-based technology systems. Students will reinforce, apply, and transfer their knowledge and skills to a variety of settings and problems. Proper use of analytical skills and application of information technology concepts and standards are essential to prepare students for success in a technology-driven society. The critical thinking, information technology experience, and product development may be conducted either in a classroom setting with an instructor, with an industry mentor, or both.

**PREREQUISITES:** Computer Maintenance; minimum age - 16; Application required, Interview by DPISD Technology Department required

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**Internetworking Technologies I (CISCO)**

*Grades 12, 1 credit, Dual credit taught at San Jac*

Exploration-Network Fundamentals, is a course that introduces the basics of networking including network terminology, local area networks (LAN) and wide area networks (WAN). This course develops skills in the design and installation of local area networks to ensure optimal network performance. Topics include cabling, cable closets, management devices, and installation of network devices, protocols and subnetting. This course includes an overview of networking technologies and an in-depth study of networking technologies, including IP addressing and sub-networking. This course will help prepare the student for the CISCO Certified Network Associate (CCNA) exam.

**PREREQUISITES:** Computer Maintenance

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**Internetworking Technologies II (CISCO)**

*Grades 12, 1 credit, Dual credit taught at San Jac*

Cisco Exploration 2 - Routing Protocols and Concepts, this course introduces CISCO Basic router configurations for local area networks. Topics include initial router configuration for TCP/IP, management of Cisco IOS and router configuration files. Backup of router configuration files, routing protocols, access control lists, and the use of security features. This course helps prepare the student for the Cisco Certified Network Associate (CCNA) exam.

**PREREQUISITES:** Internetworking Technologies I
Law Enforcement I  
PEIMS 13029300  
Grades 10-12, 1 credit  
Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. This course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime. Students will be taught hands on training in traffic stops, building searches, and crime scene investigations. Students are encouraged to participate in extended learning experiences through the criminal justice club.

**RECOMMENDED PREREQUISITES:** Principles of Human Services

Law Enforcement II  
PEIMS 13029400  
Grades 11-12, 1 credit  
Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. This course includes the ethical and legal responsibilities of Law Enforcement Officers along with ethical considerations for the job. Court Systems and Practices along with criminal investigation are also taught enabling the student to complete a well-rounded education within the criminal justice system. Students will be taught hands on training in traffic stops, building searches, and crime scene investigations. Student will be given the opportunity to earn certifications in 911 Emergency Telecommunication. This certification can enhance employment in first responders dispatch positions benefiting students who are looking into Law Enforcement as a career. Students are encouraged to participate in extended learning experiences through the criminal justice club.

**PREREQUISITES:** Law Enforcement I

Forensic Science  
PEIMS 13029500  
Grade 11-12, 1 credit - (Science credit)  
Forensic Science is a course that introduces students to the application of science to connect a violation of law to a specific criminal, criminal act, or behavior, and victim. Students will learn terminology and procedures related to the search and examination of physical evidence in criminal cases as they are performed in a typical crime laboratory. Using specific methods, students will collect and analyze evidence such as fingerprints, bodily fluids, hairs, fibers, paint, glass, documents, handwriting, drugs, impressions, and ballistics. Students will also learn the history and the legal aspects as they relate to each discipline of forensic science.

**PREREQUISITES:** Chemistry and Biology, 4th year of science  
**RECOMMENDED PREREQUISITES:** Law Enforcement I

Manufacturing  
PEIMS 13032200  
Principles of Manufacturing (Tech Lab)  
Grade 9, 1 credit  
If you enjoy hands-on activities that are integrated with today’s high tech world, this is the class for you. This is a computer based course designed to introduce the application of technology to solve problems meeting society’s needs. Hands-on lab experiences focus on a variety of technology applications that include the process of robotics, product manufacturing, construction and many other aspects that integrate technology into our daily lives. Activities include rocket launching, CO2 racing, laser engraving screen printing and lathe turning. A fee of $25.00 will be required each semester to cover the cost of student projects. This course fulfills the requirement for Technology Applications credit.

**PREREQUISITES:** None
Introduction to Process Technology

**Grades 11-12, 0.5 credit**

This course is an overview of various industries using process technology such as petro-chem plants, refineries, oil and gas production, and power generation. Basic processes, equipment and systems, and quality concepts associated with the work environment of a process technician will be covered.

**PREREQUISITIES: None**

Petro Chemical Safety, Health, and Environment

**Grades 11-12, 1 credit**

This course provides opportunities for students to learn about environmentally sound work habits within the petro chemical industry. Emphasis will be on safety, health, and environmental considerations and the performance of all job tasks and regulatory compliance matters.

**PREREQUISITIES: None**

Marketing Sales & Service

**Principles of Business, Marketing and Finance**

**Grade 9 and Wolters, 1 credit**

Principles of Business, Marketing and Finance is designed to develop an understanding of the fundamental concepts of the world of work as well as the management of one’s personal affairs.

First Semester - Students are introduced to business management, marketing, finance and operation procedures. The study of the world of work includes an overview of economic systems, types of businesses, forms of ownership, technology in the business setting, and one’s role and impact in a business.

Second Semester - A component is included for individual career planning and personal financial planning, including budgeting and consumer issues. Development of essential money management skills such as use of income, banking, credit, and keeping personal records are explored.

**PREREQUISITIES: None**

**Fashion Marketing**

**Grades 10-12, 0.5 credit**

Bring fashion to life! This course will introduce you to the world of fashion. Topics covered are the trends of fashion, marketing, the apparel industry, promotion, textiles, design elements, and careers related to fashion. It is a “hands on” course that will allow you to have many career-related experiences.

**RECOMMENDED PREREQUISITES: Principles of Business, Marketing and Finance**

**Entrepreneurship**

**Grades 10-12, 1 credit**

Students will gain knowledge and skills in the world of entrepreneurship. Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services.

**RECOMMENDED PREREQUISITES: Principles of Business, Marketing and Finance**

**Sports and Entertainment Marketing**

**Grades 10-12, 0.5 credit**

On your Mark, Get Set, Go! Sports and Entertainment Marketing focuses on the functions of marketing as it relates to the business of sports and the entertainment industry. It’s not just a game - it’s business. You will be given many opportunities to design marketing strategies, select appropriate products and promotional activities for sports and entertainment events. Let the games begin! Will you be ready when the whistle blows?

**RECOMMENDED PREREQUISITES: Principles of Business, Marketing and Finance**

**Advertising**

**Grades 10-12, 0.5 credit**

This course focuses on the concepts and skills associated with the dynamic and powerful advertising industry. Students will analyze the goals and objectives of advertising, identify and analyze advertisements, select media, and develop advertisements. Careers related to the advertising field will be discovered.

**RECOMMENDED PREREQUISITES: Principles of Business, Marketing and Finance**
Practicum in Marketing I  
**PEIMS 13034800**  
*Grades 11-12, 2 credits*

Are you interested working in the field of marketing? Learn the fundamentals of marketing and the relationship of the marketing process for both goods and services while studying the different kinds of markets, market identification, distribution, market research, advertising and promotion and management.

**RECOMMENDED PREREQUISITES:** Principles of Business, Marketing and Finance

Extended Practicum in Marketing I  
**PEIMS 13034805**  
*Grade 11-12, 3 credits*

This practicum course is a paid or unpaid (volunteer) capstone experience for students participating in a coherent sequence of CTE courses in the Business Management and Administration career cluster. Students will use knowledge and skills learned in previous CTE courses to make a successful transition into the workforce. Content covered in Practicum in Marketing I will also be taught in this course. This course is an extension to Practicum in Marketing I.

**RECOMMENDED PREREQUISITE:** Principles of Business Marketing and Finance

Practicum in Marketing II  
**PEIMS 13034810**  
*Grade 12, 2 credits*

This Co-op class is designed to give students supervised practical experience in the workplace while providing practical application of previously studied knowledge and skills. In this course, you will become proficient in one or more of the marketing functional areas and will illustrate appropriate management and research skills to create the marketing mix. This course covers technology, communication, and customer service skills. The practicum is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

**PREREQUISITES:** Practicum in Marketing I

Extended Practicum in Marketing II  
**PEIMS 13034815**  
*Grade 12, 3 credits*

This practicum course is a paid or unpaid (volunteer) capstone experience for students participating in a coherent sequence of CTE courses in the Marketing Sales and Service career cluster. Students will use knowledge and skills learned in previous CTE courses to make a successful transition into the workforce. Content covered in Practicum in Marketing II will also be taught in this course. This course is an extension to Practicum in Marketing II.

**PREREQUISITE:** Practicum in Marketing I

Science, Technology, Engineering & Mathematics

Principles of Applied Engineering  
**PEIMS 13036200**  
*Grades 10-12, 1 credit*

A two-semester activity-based drafting course focusing on freehand lettering, technical sketching, use of architect’s and engineer and metric scales, tangency construction, orthographic projection, size and location dimensions, sections, pictorial drawings, and data analysis with charts and graphs. In addition, students will learn auxiliary views, fasteners, and other practices in preparation of detailed and assembly drawings. A fee of $20 will be required each semester to cover the costs of student projects.

**RECOMMENDED PREREQUISITES:** Principles of Construction or Principles of Manufacturing. May be taken concurrently with Engineering Design and Presentation I

Engineering Design & Presentation I  
**PEIMS 13036500**  
*Grades 10-12, 1 credit*

A two semester activity based course introduces the student to Computer Aided Drafting using AutoCAD. Emphasis is placed on drawing setup, creating and modifying geometry, moving, stretching, rotating, scaling, text, dimensions, and layers. Drawing types include orthographic, isometric, architectural, electric, and 3D solid models. A fee of $15 will be required each semester to cover the cost of student projects.
PREREQUISITES: Engineering Design & Presentation may be taken concurrently with Principles of Applied Engineering

Engineering Design & Presentation II  
PEIMS 13036600

Grades 12, 2 credits

Students enrolled in this course will demonstrate knowledge and skills of the design process as it applies to engineering fields using software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use 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. Emphasis will be placed on using skills from ideation through prototyping. Fee $15

PREREQUISITES: Alg I, Geometry, Princ of Applied Engineering and Eng Des & Pres I

Applied Physics (Principles of Technology)  
PEIMS 13037100

Grades 11-12, 1 credit

This science course counts as a recommended science according to the state. It is a hands-on application physics class that will investigate mechanical, fluid, electrical, and thermal systems. Students taking this course will investigate speed, acceleration, force, Newton’s Laws, and Energy Laws. This course will focus on problem-solving strategies and apply decision-making techniques to technological solutions.

PREREQUISITES: Biology, Algebra I; math and current science teacher recommendation required

Transportation, Distribution & Logistics

Introduction to Transportation Technology (613)  
PEIMS 13039270

Grade: 11-12, .5 credit

Introduction to Transportation Technology includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. Transportation Technology includes applicable safety and environmental rules and regulations. In this course, students will gain knowledge and skills in the repair, maintenance, and diagnosis of transportation systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability. This course is taught as Dual Credit at San Jacinto College. Students will need to provide their own transportation.

PREREQUISITES: Must apply and be accepted to San Jacinto College. Must be taken concurrently with Practicum in Transportation Systems I

Practicum in Transportation Systems I (614A)  
PEIMS 13040450

Grade: 11-12, 2 credits

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

PREREQUISITES: Must apply and be accepted to San Jacinto College. Must be taken concurrently with Introduction to Transportation Technology

Extended Practicum in Transportation Systems II (614B)  
PEIMS 13040465

Grade: 12, 3 credits

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

PREREQUISITES: Introduction to Transportation Systems and Practicum in Transportation Systems I
Collision Repair and Refinishing (Dual credit at SJC-South)  

**PEIMS 13039800**  
**Grades 11-12, 2 credits**  
An introduction to the collision repair industry with emphasis on safety, professionalism and vehicle structural design. Students must meet entrance requirements and complete registration forms in order to participate in this course. Additional college fees may apply.  
**PREREQUISITES:** Application required.  
**NOTE:** Course will be taught at San Jacinto College-South and will earn dual credit. (Students are required to have their own transportation.)

Paint and Refinishing (Dual credit at SJC-South)  

**PEIMS 13039900**  
**Grade 12, 2 credits**  
Collision repair and refinishing services include advanced knowledge of the processes, technologies, and materials used in the reconstruction and alteration of vehicles. This course is designed to teach the application of advanced technical skills and practices related to collision repair and refinishing. Additional college fees may apply.  
**PREREQUISITES:** Paint and Refinishing, Application required.  
**NOTE:** Course will be taught at San Jacinto College-South and will earn dual credit. (Students are required to have their own transportation.)

Career Preparation/Practicum Programs

**NOTE:** All courses in Career Preparation Programs are electives. Career Preparation classes are state-approved courses that are included in a coherent sequence of course studies for career and technical education. These courses develop leadership and technical skills, prepare students for employment and provide a foundation for college. Career Preparation students must work a minimum of fifteen hours per week for three hours of credit and ten hours a week for two hours of credit. A minimum age of 16 years is required for all Career Preparation students.

**Practicum in Business Management I**  

**PEIMS 13012200**  
**Grades 11-12, 2 credits**  
This Co-op class is designed to give students supervised practical experience in the workplace while providing practical application of previously studied knowledge and skills. Practicum experiences (jobs) occur in a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society. In this Co-op class, students work in training positions within the oil industry, insurance agencies, school district positions, and various industry front desk positions. Computer Lab Fee $20 required.  
**RECOMMENDED PREREQUISITES: BIM I**

**Extended Practicum in Business Management I**  

**PEIMS 13012205**  
**Grade 11-12, 3 credits**  
This practicum course is a paid or unpaid (volunteer) capstone experience for students participating in a coherent sequence of CTE courses in the Business Management and Administration career cluster. Students will use knowledge and skills learned in previous CTE courses to make a successful transition into the workforce. Content covered in Practicum in Business Management I will also be taught in this course. This course is an extension to Practicum in Business Management I.  
**RECOMMENDED PREREQUISITE: BIM I**

**Practicum in Business Management II**  

**PEIMS 13012210**  
**Grade 12, 2 credits**  
This Co-op class is designed to give students supervised practical experience in the workplace while providing practical application of previously studied knowledge and skills. Practicum experiences (jobs) occur in a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society. In this Co-op class, students work in training positions within the oil industry, insurance agencies, school district positions, and various industry front desk positions. Computer Lab Fee $20 required.  
**PREREQUISITES: Practicum in Business Management I**
Extended Practicum in Business Management II

Grade 12, 3 credits

This practicum course is a paid or unpaid (volunteer) capstone experience for students participating in a coherent sequence of CTE courses in the Business Management and Administration career cluster. Students will use knowledge and skills learned in previous CTE courses to make a successful transition into the workforce. Content covered in Practicum in Business Management II will also be taught in this course. This course is an extension to Practicum in Business Management II.

**PREREQUISITE:** Practicum in Business Management II

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Education and Childcare Career Prep I

Grades 11-12, 2 credits

Changing lives in real classrooms could be in your future! If you are ready to work, get paid and receive hands on experience working with children, then this is the class for you. Students in this class receive classroom instruction as well as on the job training in the area of Early Childhood. Students can work in local elementary schools or daycare centers. Students will learn theories of the development and the learning process, plan and direct instruction as well as careers related to children and/or the teaching field. Application and interview required. If you are interested, see your counselor for an application.

**RECOMMENDED PREREQUISITES:** Successful completion of at least one CTE course; Child Guidance or Human Growth and Development; minimum age-16

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Extended Education and Childcare Career Preparation I

Grades 11-12, 3 credits

Extended Education and Childcare Career Preparation I provides opportunities for students to participate in a work based learning experience that combines classroom instruction with opportunities to work with young children. The goal is to prepare students with a variety of skills in the area of child care and education. Content covered in Education and Child Care Prep I will be taught in this course.

**PREREQUISITE:** Successful completion of at least one CTE course; minimum age-16

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Education and Childcare Career Prep II

Grade 12, 2 credits

Changing lives in real classrooms could be in your future! If you are ready to work, get paid and receive hands on experience working with children, then this is the class for you. Students in this class receive classroom instruction as well as on the job training in the area of Early Childhood. Students can work in local elementary schools or daycare centers. Students will learn theories of the development and the learning process, plan and direct instruction as well as careers related to children and/or the teaching field. Application and interview required. If you are interested, see your counselor for an application.

**PREREQUISITES:** Education and Child Care Career Prep I; minimum age-16

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Extended Education and Childcare Career Preparation II

Grades 12, 3 credits

Extended Education and Childcare Preparation II provides opportunities for students to participate in a work based learning experience that combines classroom instruction with opportunities to work with young children. The goal is to prepare students with a variety of skills in the area of child care and education. Content covered in Education and Child Care Prep II will be taught in this course.

**PREREQUISITE:** Education and Child Care Career Prep II; minimum age-16

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Practicum in Health Science I

Grades 11 - 12, 2 credits

Would you be interested in working in a medical facility while in high school? This may be the course for you! A second year course designed for students to gain experience in the Medical field through a paid work environment. The student will observe and/or give assistance to professional health care personnel at work. Classroom work includes Anatomy and Physiology, Diseases, Medical Terminology and Medical Careers. Students must provide their own transportation to work. Students are responsible for purchasing their attire for the work place, such as scrubs. Information sheet required.

**PREREQUISITES:** Theory or Clinicals and teacher recommendation

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Extended Practicum in Health Science I

Grade 11-12, 3 credits

This practicum course is a paid or unpaid (volunteer) capstone experience for students participating in a coherent sequence of CTE courses in the Health Science career cluster. Students will use knowledge and skills learned in previous CTE courses to make a successful transition into the workforce. Content covered in Practicum in Health Science I will also be taught in this course. This course is an extension to Practicum in Health Science.

**PREREQUISITE:** Theory or Clinicals and teacher recommendation
Practicum in Health Science II  
**PEIMS 13020510**

*Grade 12, 2 credits*

Have you completed Practicum in Health Science but would like to learn more and work in the medical field or do you have a strong background in math and would you like to train to be a pharmacy technician while in high school? This course is for you! A third year Advanced Career Preparation course designed for students to gain experience in the Medical field through a paid work environment. The student will observe and/or give assistance to professional health care personnel at work. Students must provide their own transportation to work. Students are responsible for purchasing their attire for the work place, such as scrubs. Information sheet required.

**PREREQUISITES: Practicum in Health Science**

Extended Practicum in Health Science II  
**PEIMS 13020515**

*Grade 12, 3 credits*

This practicum course is a paid or unpaid (volunteer) capstone experience for students participating in a coherent sequence of CTE courses in the Health Science career cluster. Students will use knowledge and skills learned in previous CTE courses to make a successful transition into the workforce. Content covered in Practicum in Health Science II will also be taught in this course. This course is an extension to Practicum in Health Science II.

**PREREQUISITE: Practicum in Health Science I**

Practicum in Marketing I  
**PEIMS 13034800**

*Grades 11-12, 2 credits*

Are you interested working in the field of marketing? Learn the fundamentals of marketing and the relationship of the marketing process for both goods and services while studying the different kinds of markets, market identification, distribution, market research, advertising and promotion and management.

**RECOMMENDED PREREQUISITES: Principles of Business, Marketing and Finance**

Extended Practicum in Marketing I  
**PEIMS 13034805**

*Grade 11-12, 3 credits*

This practicum course is a paid or unpaid (volunteer) capstone experience for students participating in a coherent sequence of CTE courses in the Marketing Sales and Service career cluster. Students will use knowledge and skills learned in previous CTE courses to make a successful transition into the workforce. Content covered in Practicum in Marketing I will also be taught in this course. This course is an extension to Practicum in Marketing I.

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

Practicum in Marketing II  
**PEIMS 13034810**

*Grade 12, 2 credits*

This Co-op class is designed to give students supervised practical experience in the workplace while providing practical application of previously studied knowledge and skills. In this course, you will become proficient in one or more of the marketing functional areas and will illustrate appropriate management and research skills to create the marketing mix. This course covers technology, communication, and customer service skills. The practicum is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

**PREREQUISITES: Practicum in Marketing I**

Extended Practicum in Marketing II  
**PEIMS 13034815**

*Grade 12, 3 credits*

This practicum course is a paid or unpaid (volunteer) capstone experience for students participating in a coherent sequence of CTE courses in the Business Management and Administration career cluster. Students will use knowledge and skills learned in previous CTE courses to make a successful transition into the workforce. Content covered in Practicum in Marketing I will also be taught in this course. This course is an extension to Practicum in Marketing II.

**PREREQUISITE: Practicum in Marketing I**

Career Preparation I  
**PEIMS 12701300**

*Grades 11-12, 2 credits*

Career Preparation is a work-based arrangement that develops essential knowledge and skill through classroom instruction and on-the-job training in an approved career training area. Students will receive general lifelong learning skill, employability skills, management skills, free enterprise system skills, work ethics skills, safety, money management
skills, and communication skills. Students will gain marketable work skills at approved training stations where the student is paid. The training sponsor will assist the teacher in providing the necessary knowledge and skills for the student’s specific work-based training.

**PREREQUISITES:** Successful completion of at least one CTE course; must be 16 years old or older

Extended Career Preparation I

**PEIMS 12701305**

*Grades 11-12, 3 credits*

Extended career preparation provides opportunities for student to participate in a work based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace.

**PREREQUISITE:** Successful completion of at least one CTE course; minimum age-16

Career Preparation II

**PEIMS 12701400**

*Grade 12, 2 credits*

Career Preparation is a work-based arrangement that develops essential knowledge and skill through classroom instruction and on-the-job training in an approved career training area. Students will receive general lifelong learning skill, employability skills, management skills, free enterprise system skills, work ethics skills, safety, money management skills, and communication skills. Students will gain marketable work skills at approved training stations where the student is paid. The training sponsor will assist the teacher in providing the necessary knowledge and skills for the student’s specific work-based training.

**PREREQUISITES:** Career Preparation I required

Extended Career Preparation II

**PEIMS 12701405**

*Grades 12, 3 credits*

Extended career preparation provides opportunities for student to participate in a work based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace.

**PREREQUISITE:** Career Prep I; minimum age-16
Suggested Four Year Plans
Preparing a Four Year Program

How to Choose Your Program . . .

This section serves as a planning guide as you make decisions about your four-year high school program. You are urged to consider each decision carefully. In selecting a program of studies, you will want to consider all the possibilities, realizing, however, that this is one of the most important decisions you will make during the next several years. There are certain steps to follow that can help you make your choices:

- Find out all you can about the program of studies offered.
- Compare the programs. Think about yourself and how each program might help you.
- Consider the advantages and disadvantages of each program. Weigh these carefully.
- Choose the program of studies which seems to have the most advantages for you.

To follow these steps, you will need to know about high school programs of studies, about yourself, and about careers.

Know About High School Programs

Your counselor and teachers will be helpful in advising you more specifically about the high school programs of studies offered. Find out the following:

- What type of graduation plan you wish to pursue. (see graduation requirements)
- The number of units of credit in specific subject areas needed for graduation under each plan.
- The courses that are required to begin certain high school sequences of courses.
- The elective courses you may take.

Know About Careers

You probably will not be ready for several years to choose a specific career. In planning your high school program, however, you will need to consider courses which seem interesting to you. You will need to know about the education required for careers that are of interest to you.
**Know About Yourself**

To make wise choices, you also will need to understand yourself and your goals for the future. It is important, therefore, to take time to learn more about yourself. Here are some questions to consider which can help you understand yourself better.

<table>
<thead>
<tr>
<th>My Abilities</th>
<th>In which subjects do I do well in school?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>What do I do well outside of school?</td>
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<tr>
<td></td>
<td>Which talents do I have? (Play a musical instrument, sing, paint, dance, act, write or other talents)</td>
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<tr>
<td></td>
<td>Which sport or sports do I play well?</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>My Interests</th>
<th>Which subjects are most interesting to me in school?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Which activities are most interesting to me in school?</td>
</tr>
<tr>
<td></td>
<td>Which activities are most interesting to me outside of school?</td>
</tr>
<tr>
<td></td>
<td>What are my hobbies?</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>My Attitudes</th>
<th>What is important to me in my life?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Which people are important to me?</td>
</tr>
<tr>
<td></td>
<td>Which activities are important to me?</td>
</tr>
<tr>
<td></td>
<td>Which possessions are important to me?</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>My Likes</th>
<th>Which subjects do I like in school?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Which activities do I like in school?</td>
</tr>
<tr>
<td></td>
<td>Which activities do I like outside of school?</td>
</tr>
<tr>
<td></td>
<td>Do I like to be with other people much of the time?</td>
</tr>
<tr>
<td></td>
<td>Do I like to be alone much of the time?</td>
</tr>
<tr>
<td></td>
<td>Do I enjoy working with my hands?</td>
</tr>
<tr>
<td></td>
<td>Do I enjoy working in a group?</td>
</tr>
<tr>
<td></td>
<td>Do I enjoy reading?</td>
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</tbody>
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<table>
<thead>
<tr>
<th>My Goals</th>
<th>What do I want to accomplish in high school?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>What might I want to do after high school?</td>
</tr>
</tbody>
</table>

Ask yourself these questions and others of this kind. Talking with your counselor, parents, teachers, and friends can help you get a clearer picture of yourself. Ask your counselor to discuss this information with you.
Career Planning ...

Entering high school will be an important step for you. You will be meeting new students, teachers, principals, and other faculty members. Most likely, you also will have to learn about the rules of a new school and find your way around a larger school building. You will take new courses and start new activities. You will find that you will be expected to take more responsibility for your own decisions, school work, and actions.

An important part of your responsibilities in high school will be to choose and take courses to prepare yourself for the future. Remember, your high school program and your success in it will affect what you may do after you graduate.

Think About Your Future

Perhaps you have already begun to think about what to do after high school. You may be considering going to college. You may be wondering about attending another type of school, such as a technical school. You may be thinking of preparing for a job or for military service. Perhaps you may not be sure what you want to do.

Many Careers Require Education After High School

You do not have to make a final decision now about your plans after high school. You are still growing and changing. You may need time to explore many possibilities before deciding what you will do. You will, however, have to choose a high school program of studies. In choosing your program, it is important to remember that many careers require a college education or further vocational/technical training after high school.

Who Can Help You Choose Your Program Of Studies?

Your parents may be your best advisers in choosing a high school program of studies. They understand your personality and abilities. They know your interests, likes, dislikes, and strengths. They also can tell you about things they have learned from their own education and work, which can help you in making decisions. After you and your parents have read this booklet, talk with them. Discuss with them your thoughts and concerns about high school and your future.

Your school counselor can assist you to better understand your goals, high school programs, and careers. Be sure to meet with your counselor for help in deciding which direction to take in high school. Students are encouraged to utilize the career/college center in their school. Be sure to check the Internet for valuable sources.

You can get ideas from your teachers about high school programs which might be best for you. They know the work you have done in their subjects and will be able to make suggestions about your program of studies. Talk with your principal, too. The advice of your teachers and principal can be very useful to you in making your choices.

Other people who know you well, such as your relatives and friends, can also help you. Consider getting their ideas.

There may be some careers that seem interesting to you. If there are, talk with people in those careers to get information for planning your program of studies. They can tell you about their work and the kind of education needed for it. You may want to use this information in choosing the program and courses you will take.

To access the Endorsements and Four Year Plans, please visit the Counseling Website

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Career Clusters
<table>
<thead>
<tr>
<th>Name of Cluster</th>
<th>Description of Career Cluster</th>
<th>Courses offered at Deer Park H.S.</th>
</tr>
</thead>
</table>
| Agriculture, Food & Natural Resources       | The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources. | Principles of Ag, Food, & Natural Resources  
Agricultural Mechanics & Metal Technologies  
Practicum Ag, Food, Nat. Res. I (Ag Mech)  
Practicum Ag, Food, Nat. Res. II (Ag Mech)  
Livestock Production  
Professional Standards in Agribusiness  
Small Animal Management  
Advanced Animal Science  
Veterinary Medical Applications  
Practicum Ag, Food, & Nat. Res. (Vet Med)  
Floral Design I  
Advanced Floral Design  
Practicum Ag, Food, Nat. Res (Floral Design)  
Wildlife, Fisheries, & Ecology Management  
Petro Chemical Safety (SJC)  
Introduction to Process Tech (SJC) |
| Architecture & Construction                 | Careers in designing, planning, managing, building and maintaining the built environment.     | Principles of Construction (Wood Shop)  
Interior Design  
Construction Technology I  
Construction Technology II  
HVAC I (Air conditioning & Heating) (SJC)  
HVAC II (Air conditioning & Heating) (SJC) |
| Arts, A/V Technology & Communications       | Designing, producing, exhibiting, writing, and publishing multimedia content including photography and video production. | Principles of Arts, A/V, Technology, & Communications  
Commercial Photography I  
Commercial Photography II  
Project Based Research Comm Photo III  
Audio Video Production I |
| Business, Management & Administration       | Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Career opportunities are available in every sector of the economy. | Principles of Business, Marketing & Finance  
Business Information Management I  
Business Information Management II  
Practicum in Business Management I  
Practicum in Business Management II |
| **Finance** | Planning, services for financial and investment planning, banking, insurance, and business financial management. | Principles of Business, Marketing & Finance  
Money Matters  
Accounting I  
Accounting II |
|----------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| **Health Science** | Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development. | Principles of Health Science  
Health Science Clinical/Theory  
Theory  
Anatomy and Physiology  
Medical Microbiology  
Pathophysiology  
Practicum in Health Science I  
Practicum in Health Science II  
Pharmacology |
| **Hospitality & Tourism** | Hospitality & Tourism encompasses the management, marketing and operations of restaurants, lodging, attractions, and travel related services. | Principles of Hospitality and Tourism  
Intro to Culinary Arts  
Culinary Arts  
Advanced Culinary Arts |
| **Human Services** | Preparing individuals for employment in career pathways that relate to families and human needs. | Principles of Human Services  
Interpersonal Studies  
Child Development  
Counseling & Mental Health  
Child Guidance  
Lifetime Nutrition & Wellness  
Family & Community Services |
Web Technologies Computer Maintenance (SJC)  
Computer Programming (SJC)  
CISCO Internetworking Technologies I (SJC)  
CISCO Internetworking Technologies II (SJC) |
<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
<th>Courses</th>
</tr>
</thead>
</table>
| Law, Public Safety, Corrections & Security | Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.                                                          | Law Enforcement I  
Law Enforcement II  
Forensic Science                                                                       |
| Manufacturing                              | Planning, managing and performing the processing of materials into intermediate or final products and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.    | Principles of Manufacturing Tech Lab (9th)                                          |
| Marketing, Sales & Service                 | Planning, managing, and performing marketing activities to reach organizational objectives.                                                                                                                  | Principles of Business Marketing & Finance  
Advertising  
Sports & Entertainment Marketing  
Fashion Marketing  
Entrepreneurship  
Practicum in Marketing I  
Practicum in Marketing II |
| Science, Technology, Engineering & Math    | Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services. | Principles of Applied Engineering  
Engineering Design & Presentation I  
Engineering Design & Presentation II  
Principles of Technology (Applied Physics)  
Electronics                                                                               |
| Transportation, Distribution & Logistics   | Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance. | Automotive Technology I (SJC)  
Automotive Technology II (SJC)  
Collision Repair & Refinishing (SJC-South)  
Paint & Refinishing (SJC-South) |
| Career Development                         | Co-op – Get high school credit for working.                                                                                                                                                               | Career Preparation I  
Career Preparation II                                                                       |