SPARTANBURG SCHOOL DISTRICT SIX MISSION STATEMENT

Spartanburg School District Six, where children are always first, ensures the highest quality education for all children by providing a highly qualified staff, a challenging curriculum, first-class facilities, and a safe and nurturing environment.

DORMAN FRESHMAN CAMPUS MISSION STATEMENT

The mission of Dorman Freshman Campus is to fulfill a tradition of excellence while embracing diversity in order to create a community of faculty, parents, and students who empower individuals to grow toward their maximum potential academically, socially, and developmentally, thus becoming productive citizens in our global society.

DORMAN HIGH SCHOOL MISSION STATEMENT

The mission of Dorman High School is to provide each student with a quality education that allows them to function independently as productive members of society with a belief that learning is a lifelong activity.

*Dorman High School makes every effort to ensure that the information in this Course Guide is informative and accurate. However, new statutes, regulations, and personnel shifts may impact, negate, or change the implementation of programs and/or courses described. This Course Guide should in no way be seen as a contract but instead as a guideline for students as they move through their high school years.
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SOUTH CAROLINA HIGH SCHOOL
DIPLOMA REQUIREMENTS

Each student must earn a total of 24 prescribed units of credit.

The current requirements are listed below:

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>REQUIRED UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>English/Language Arts</td>
<td>4 units</td>
</tr>
<tr>
<td>Mathematics¹</td>
<td>4 units</td>
</tr>
<tr>
<td>Science²</td>
<td>3 units</td>
</tr>
<tr>
<td>US History</td>
<td>1 unit</td>
</tr>
<tr>
<td>US Government</td>
<td>½ unit</td>
</tr>
<tr>
<td>Economics</td>
<td>½ unit</td>
</tr>
<tr>
<td>Other Social Studies</td>
<td>1 unit</td>
</tr>
<tr>
<td>Physical Education³ or JROTC</td>
<td>1 unit</td>
</tr>
<tr>
<td>Computer Science⁴</td>
<td>1 unit</td>
</tr>
<tr>
<td>World Language or Career/Technology (CTE)⁵</td>
<td>1 unit</td>
</tr>
<tr>
<td>Core Units</td>
<td>17 units</td>
</tr>
<tr>
<td>Electives</td>
<td>7 units</td>
</tr>
<tr>
<td>Total Units</td>
<td>24 units</td>
</tr>
</tbody>
</table>

1 Math courses must include Algebra I or equivalent (Foundations of Algebra & Intermediate Algebra)
2 Science courses must include Biology
3 See Physical Education section for eligible courses
4 See Computer Science section for eligible courses
5 Occupational courses include classes offered at R. D. Anderson Applied Technology Center, as well as advanced computer, business, and technology courses offered at Dorman.
ENTRANCE REQUIREMENTS FOR SOUTH CAROLINA
FOUR-YEAR PUBLIC COLLEGES AND UNIVERSITIES

COLLEGE PREPARATORY COURSE
PREREQUISITE REQUIREMENTS

FOUR UNITS OF ENGLISH: All four units must have strong reading (including works of fiction and non-fiction), writing, communicating, and researching components. It is strongly recommended that students take two units that are literature based, including American, British, and World Literature.

FOUR UNITS OF MATHEMATICS: These units must include Algebra I, Algebra II, and Geometry. A fourth higher-level mathematics unit should be taken before or during the senior year.

THREE UNITS OF LABORATORY SCIENCE: Two units must be taken in two different fields of the physical, earth, or life sciences and selected from among biology, chemistry, physics, or earth science. The third unit may be from the same field as one of the first two units (biology, chemistry, physics, or earth science) or from any laboratory science for which biology, chemistry, physics and/or earth science is a prerequisite. Courses in general or introductory science for which one of these four units is not a prerequisite will not meet this requirement. It’s strongly recommended that students desiring to pursue careers in science, mathematics, engineering or technology take one course in all four fields: biology, chemistry, physics, and earth science.

TWO UNITS OF THE SAME WORLD LANGUAGE: Two units with a heavy emphasis on language acquisition.

THREE UNITS OF SOCIAL SCIENCE: One unit of U.S. History, a half unit of Economics, and a half unit of Government are required. World History or Geography is strongly recommended.

ONE UNIT OF FINE ARTS: One unit in appreciation of, history of, or performance in one of the fine arts. This unit should be selected from among media/digital arts, dance, music, theater, or visual and spatial arts.

ONE UNIT OF PHYSICAL EDUCATION OR JROTC: One unit of physical education to include one semester of personal fitness and another semester in lifetime fitness. Exemption applies to students enrolled in Junior ROTC and for students exempted because of physical disability or for religious reasons.

TWO UNITS OF ELECTIVES: Two units must be taken as electives. A college preparatory course in Computer Science (i.e., one involving significant programming content, not simply keyboarding or using applications) is strongly recommended for this elective. Other acceptable electives include college preparatory courses in English; fine arts; world languages; social science; humanities; mathematics; physical education; and laboratory science (courses for which biology, chemistry, physics, or earth science is a prerequisite).

NOTES

1. Foundations in Algebra and Intermediate Algebra may count together as a substitute for Algebra I if a student successfully completes Algebra II. No other courses may be substituted for the three required mathematics courses (Algebra I, Algebra II, and Geometry).

2. Each institution may make exceptions in admitting students who do not meet all of the prerequisites, limited to those individual cases in which the failure to meet one or more prerequisites is due to circumstances beyond the reasonable control of the student.

3. The College Preparatory Course Prerequisite Requirements are minimal requirements for four-year public college admission. Therefore, students should check early with colleges of their choice to plan to meet additional high school prerequisites that might be required for admission and to prepare for college entrance examinations.

4. Students should prepare themselves for college-level work by enrolling in challenging high school courses, such as honors, Advanced Placement (AP), International Baccalaureate (IB), and dual enrollment courses.

Policy originally approved by the SC Commission on Higher Education on April 7, 1983. Revisions approved: October 8, 1987; December 7, 1989; November 4, 1993; November 5, 1998; September 5, 2002; October 5, 2006; and May 7, 2015.

The policy and notes on this page were provided by the SC Commission on Higher Education. This text and any updates to it, as well as other pertinent information related to learning about college, paying for college, or exploring education and training opportunities specific to military personnel, can be found at http://www.che.sc.gov/Students,FamiliesMilitary.aspx.
SEALS OF DISTINCTION

Beginning with the Class of 2022, students enrolled in South Carolina high schools shall have the opportunity to earn graduation *Seals of Distinction* within each high school diploma pathway that identifies a particular area of focus.

<table>
<thead>
<tr>
<th>Honors Seal of Distinction</th>
<th>College-Ready Seal of Distinction</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UGP GPA</strong>: 3.5 or higher</td>
<td><strong>UGP GPA</strong>: 3.0 or higher OR ACT 20 OR SAT 1020</td>
</tr>
<tr>
<td><strong>English</strong>: 4 units (2 at HON level or higher)</td>
<td><strong>English</strong>: 4 units</td>
</tr>
<tr>
<td><strong>Math</strong>: 4 units (3 at HON level or higher; 4th course must have Algebra II as a prerequisite)</td>
<td><strong>Math</strong>: 4 units (4th course must have Algebra II as a prerequisite)</td>
</tr>
<tr>
<td><strong>Lab Science</strong>: 3 units (2 at HON level or higher)</td>
<td><strong>Lab Science</strong>: 3 units</td>
</tr>
<tr>
<td><strong>Social Studies</strong>: 3 units (2 at HON level or higher)</td>
<td><strong>Social Studies</strong>: 3 units</td>
</tr>
<tr>
<td><strong>World Language</strong>: 3 units of same language</td>
<td><strong>World Language</strong>: 2 units of same language</td>
</tr>
<tr>
<td><strong>Advanced Coursework</strong>: 4 units at HON level or higher during Junior/Senior years</td>
<td><strong>Fine Arts</strong>: 1 unit</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Career Seal of Distinction</th>
<th>Specialization Seal of Distinction</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UGP GPA</strong>: 2.5 or higher</td>
<td><strong>UGP GPA</strong>: 3.0 or higher</td>
</tr>
<tr>
<td><strong>English</strong>: 4 units</td>
<td><strong>AND</strong></td>
</tr>
<tr>
<td><strong>Math</strong>: 4 units</td>
<td><strong>Complete one of the following areas:</strong></td>
</tr>
<tr>
<td><strong>Science</strong>: 3 units</td>
<td><strong>STEM</strong>: 4 elective units beyond the required courses in math, science, and technology with at least 2 at HON level or higher (4 units may be in one area of STEM or across different areas)</td>
</tr>
<tr>
<td><strong>Social Studies</strong>: 3 units</td>
<td><strong>World Language</strong>: 4 units in the same language and/or proficiency on language exam</td>
</tr>
<tr>
<td><strong>AND</strong></td>
<td><strong>Military</strong>: 4 units in JROTC AND a 31 or higher on ASVAB</td>
</tr>
<tr>
<td><strong>CTE</strong>: Completion of a CTE Major (4 units aligned within a career cluster)</td>
<td><strong>Arts</strong>: 4 units in single or multiple areas of the Arts with at least 2 at HON level or higher AND successful demonstration of mastery on an externally-validated performance task</td>
</tr>
<tr>
<td><strong>AND</strong></td>
<td><strong>AND</strong></td>
</tr>
<tr>
<td><strong>Career Credential</strong>:</td>
<td><strong>Successful demonstration of mastery on an externally-validated performance task</strong></td>
</tr>
<tr>
<td>Earn at least one industry-recognized credential OR WIN/R2W Silver Level or higher OR Semester-long Work-Based Learning (WBL) credit</td>
<td><strong>Arts</strong>: 4 units in single or multiple areas of the Arts with at least 2 at HON level or higher AND successful demonstration of mastery on an externally-validated performance task</td>
</tr>
</tbody>
</table>
SEALS OF BILITERACY

All South Carolina students are eligible to attain South Carolina's Seal of Biliteracy based on evidence of achieving the required level of language proficiency in English plus one or more other languages during their high school years. Earning this award gives students an opportunity to provide evidence displaying their language proficiency to colleges, universities, and employers. The South Carolina Seal of Biliteracy encourages students to go beyond minimal language requirements and to truly attain levels of language proficiency for success on the world stage.

In order to earn the South Carolina Seal of Biliteracy, students must meet the proficiency requirements specified for English and must also take a proficiency exam for one other language, achieving a minimum proficiency level of Intermediate Mid (Bronze Seal), Intermediate High (Silver Seal), or Advanced Low (Gold) as defined by the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines.

<table>
<thead>
<tr>
<th>TIER 1: Bronze Seal of Biliteracy (Intermediate Mid)</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Qualifying score on ACTFL language assessment <strong>AND</strong></td>
</tr>
<tr>
<td>- <strong>If primary language is English:</strong></td>
</tr>
<tr>
<td>- Completion of all English/Language Arts requirements for graduation with a subject area GPA of 3.0 or higher</td>
</tr>
<tr>
<td>- <strong>If primary language is not English:</strong></td>
</tr>
<tr>
<td>- Attaining a minimum of an overall composite score of 4.0 on the ACCESS 2.0 English Proficiency Test</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TIER 2: Silver Seal of Biliteracy (Intermediate High)</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Qualifying score on ACTFL language assessment <strong>AND</strong></td>
</tr>
<tr>
<td>- <strong>If primary language is English:</strong></td>
</tr>
<tr>
<td>- Completion of all English/Language Arts requirements for graduation with a subject area GPA of 3.0 or higher</td>
</tr>
<tr>
<td>- <strong>If primary language is not English:</strong></td>
</tr>
<tr>
<td>- Attaining a minimum of an overall composite score of 4.4 on the ACCESS 2.0 English Proficiency Test</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TIER 3: Gold Seal of Biliteracy (Advanced Low)</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Qualifying score on ACTFL language assessment <strong>AND</strong></td>
</tr>
<tr>
<td>- <strong>If primary language is English:</strong></td>
</tr>
<tr>
<td>- Completion of all English/Language Arts requirements for graduation with a subject area GPA of 3.0 or higher</td>
</tr>
<tr>
<td>- <strong>If primary language is not English:</strong></td>
</tr>
<tr>
<td>- Attaining an overall composite score of 4.4 with at least 4.0 in each language domain on the ACCESS 2.0 English Proficiency Test (This is the equivalent of meeting SC exit criteria for ACCESS 2.0)</td>
</tr>
</tbody>
</table>
Dorman High School’s counselors assist students in planning their programs of study in order to meet the goals they and their parents have established. Counselors also help students reassess their goals based on personal motivation, academic success, standardized test scores, and developing interests. The guidance and counseling program is implemented through classroom guidance activities, individual review of transcripts and career plans, and various workshop opportunities. Counselors also invite and encourage active parent participation. Counselors may be reached during school hours by calling DHS at 582-4347 or DFC at 582-3479.

The Course Selection Process

Each student is expected to:
1. Read this course guide and the course descriptions very carefully.
2. Select courses based on the graduation requirements listed in this guide.
3. Consult with teachers for advice or to obtain appropriate recommendations.
4. Discuss course selections with parents.
5. Pay attention to how course selection is conducted at your school. Rising 9th-graders will complete course selection online when announced by your school by following the instructions on pages 65-68 of this book. Rising 10th-12th graders will complete course selection by analyzing and submitting follow-up forms for courses that they initially selected during their annual IGP conference.
6. Check for correctness when you receive verification or follow-up forms. Each school conducts course selection a little differently, so pay close attention to instructions you are given. The last date to request any changes or make corrections is May 1, 2020. No schedule changes, except those made to accommodate failures, level changes, and/or administrative errors will be ensured after that date.

Course Load

All freshman, sophomores, and juniors are required to take eight (8) credits worth of courses. Seniors are required to take at least three (3) credits of courses in one semester and two (2) credits of courses in the other semester.

Grade Classification

Students are promoted to the next grade classification by meeting these requirements:

Freshman/9th grade: All students just promoted from 8th grade or any student who is attending all classes at Dorman Freshman Campus.

Sophomore/10th grade: All students who have earned credit for English I, a required mathematics course, and two other courses, or any student who is attending all classes at Dorman High School.

Junior/11th grade: All students who have successfully completed at least nine units of credit; these nine units must include English I and II and two units of math.

Senior/12th grade: All students who have successfully completed 15 units of credit — two of these must be English I and II — and who will be able to complete the remaining number of required courses for graduation by the end of summer school.

Requests for Course Changes

Students will receive a form verifying their course requests either at the conclusion (rising 9th-graders) or onset (rising 10th-12th graders) of the course selection process. These verification forms allow students to review their requests and make appropriate changes. Once the master schedule is created in June, students and parents must complete a “Schedule Change Request Form” to have any desired course changes considered.

Schedule changes are not guaranteed and depend on a number of factors, including master schedule structure, available space, safety regulations, course requirements, state-based prerequisites, and other special circumstances.

Withdrawing from a Course

Students may only withdraw from a course without penalty within three days of the first day of enrollment for a 45-day course, five days for a 90-day course, and ten days for a 180-day course. A student who receives administrative approval to withdraw after this window will receive a WP (Withdraw Passing) for the course, which will be posted on the student's transcript. A student who does not receive administrative approval to withdraw after this window will receive a WF (Withdraw Failing) for the course, which will be posted on the student's transcript and calculated as an F (50) in their GPA. Students who drop out of school or are expelled after this window will receive a WP for any course they were passing and a WF for any course they were failing.

Please note the following with regard to schedules:
• Choice of teachers cannot be honored.
• Schedules cannot be changed to accommodate jobs after school.
• Schedules will not be rearranged to accommodate requests for late arrivals, early dismissals, or preferred lunches.
RETAKING A COURSE
Students may retake a course at the same level of difficulty if they have earned a D or a F in that course. Retaking the course means that the student must complete the entire course again (not a subset of the course such as through Credit Recovery). If the course being retaken has an EOC, the EOC must be retaken. The student's transcript will reflect both course instances. However, only one course attempt and the highest grade earned will be calculated in the GPA. A course retake must occur by the end of the subsequent school year or before the next sequential course, whichever comes first. A student may not retake a course if the course being replaced has already been used as a prerequisite for enrollment in a subsequent course.

Students who took a high-school level course prior to their ninth grade year may retake that course during their ninth-grade year regardless of the grade earned. Only the highest grade will show on the student transcript and be used in calculating the student's GPA.

CREDIT RECOVERY
Credit Recovery offers an opportunity for students to recover lost credit by using an alternative instructional model (APEX). Credit Recovery is for students who have been recommended by an administrator or counselor and have earned a final grade of 50-59 in a course that is available on the school's Credit Recovery system. Students who previously earned a WF, FA, or an F below 50 are not eligible for Credit Recovery.

When a student completes a Credit Recovery course, the original failing grade and course title will remain on the transcript and will still calculate into the student's GPA. However, a new course bearing the Credit Recovery code -CR will be added to the student transcript.

If a student passes the Credit Recovery by earning a passing final score, a grade of P (Pass) will be given. This P will not calculate into the student's GPA. If a student does not earn a passing final score, the course attempt will be displayed on the student transcript but it will not calculate into the student's GPA. Therefore, if a student wishes to modify his or her GPA, they should repeat the course for credit and not seek a Credit Recovery solution. See "Retaking a Course" for those details.

SUMMER SCHOOL
Summer School options for coursework and Credit Recovery are available in the Guidance Office in late Spring of each school year. If a student wishes to receive credit for summer work to be taken at another school, they must obtain written authorization from the school principal prior to the student’s enrollment in the summer program.

CONVERTING TRANSCRIPT GRADES
When transcripts are received from accredited out-of-state schools (or in state from accredited sources other than the public schools) and numerical averages are provided, those averages must be used in transferring the grades to the student’s record. If letter grades with no numerical averages are provided, this conversion will apply: A=95, B=85, C=75, D=65, F=50. If the transcript indicates that the student has earned a passing grade in any course in which he or she had a numerical average lower than 60, that average will be converted to a 65 numerical grade on the new scale. If the transcript shows that the student has earned a grade of P (Pass) or F (Fail), that grade will be converted to a numerical designation on the basis of information secured from the sending institution as the appropriate value of the P or F.

Grades received from Dual Credit partners may or may not convert as numerical averages on the high school transcript. This depends on annually-updated articulation agreements between Dorman High School and those partner institutions. If numerical averages are given, those averages will be used to transfer the grades to the student's record. If only letter grades are provided, the conversion scale will be used.

R. D. ANDERSON COURSES
R. D. Anderson Applied Technology Center (RDA) offers many advanced occupational and technical courses to prepare students for real-world industry and higher education. Most courses are taught on RDA’s campus, but a few are housed at the Spartanburg County Master Skills Center. Information about programs can also be found at http://rda.spart6.org/.

STEM PROGRAM
The STEM program is designed for students who have shown exceptional abilities and motivation in blending science, technology, engineering and math. The challenging secondary curriculum provides students with Honors/AP courses and research/internship opportunities. Students are accepted into the program at the end of the 8th grade. Admission is based on teacher recommendations and test scores. Active STEM membership also affords students certain bypass privileges regarding course prerequisites.

AP PROGRAM
The AP program is a nationally-recognized program that enables students to pursue college-level studies in high school. Based on a student’s performance on an AP exam, they may earn credit and/or advancement in the related college course. Admission into AP courses is based on prerequisite course completions, teacher recommendations, and interests.

A major benefit to completing an AP course at Dorman is the ability to take the AP Exam at no cost in the spring of each school year. However, if a student decides that it is in their best interest to opt out of taking an AP Exam, they must notify their AP teacher and complete a form for Declination of Scheduled AP Exam by the announced deadline.

DUAL ENROLLMENT PROGRAM
The Dual Enrollment Program offers students a chance to earn college credits and high school credits at the same time. This joint enrollment program is a partnership between Dorman High School and local colleges. Courses are taught on campus by college faculty and/or Dorman teachers. Courses typically count as 3 hours of college credit and 1 high school credit. Admission into Dual Enrollment courses is based on GPA, test scores, prerequisites, and the completion of an application packet. Packets are available in the Guidance office.

Dual Enrollment options at Dorman can be found on pp. 56-57 of this course guide. Dual Enrollment at RDA is currently limited to AHS 102 - Medical Terminology.

Students wishing to pursue Dual Enrollment outside the programs at Dorman or RDA should inquire with the Dorman Registrar to ensure that earned credits will be accepted.
<table>
<thead>
<tr>
<th>Numerical Average</th>
<th>Letter Grade</th>
<th>CP/ADV Weighting</th>
<th>Honors Weighting</th>
<th>AP/Dual Credit Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>A</td>
<td>5.000</td>
<td>5.500</td>
<td>6.000</td>
</tr>
<tr>
<td>99</td>
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<tr>
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SOUTH CAROLINA STANDARDIZED TESTS

COURSEWORK TESTS

End-of-Course Examination Program (EOcep)
The Education Accountability Act of 1998 requires end-of-course examinations in selected gateway or benchmark courses for grades nine through twelve. End-of-course exams are given at the conclusion of the following courses: Algebra I (or Intermediate Algebra), Biology I, English II, and US History. The end-of-course exam will count for 20% of the student’s final grade in the course.

ENGLISH PROFICIENCY TESTS

ACCESS for ELLs
ACCESS for ELLs is an assessment of English language proficiency for students in grades K-12 who are determined to have limited English proficiency, based on the completion of a Home Language Survey and the initial assessment of their English skills. Students must continue to take ACCESS until they have scored at a certain level on all test sections. (Current exit criterion is an overall composite score of 4.0.)

PRE-COLLEGE ENTRANCE TESTS

PSAT
The PSAT is a preparatory version of the SAT exam that assesses skills in reading and mathematics. At Dorman, Freshmen, Sophomores and Juniors have the option of taking the PSAT in the Fall. Juniors who elect to take the PSAT participate in the PSAT/NMSQT National Merit Scholarship Qualifying Test, a national competition that identifies National Merit Scholars and awards merit scholarships.

PreACT
The PreACT is a preparatory version of the ACT exam that assesses skills in language arts, math, reading, and science. It does not include a writing section. At Dorman, all Sophomores are required to take the PreACT in the Spring.

CAREER READINESS TESTS

WIN/R2W
WIN (R2W) is an assessment that is administered to all Juniors in South Carolina (students in their third-year of high school). WIN/R2W assesses readiness skills that employers believe are critical to job success. The high school version of the assessment tests Applied Mathematics, Reading for Information, Locating Information, and Soft Skills. Students who score at certain levels of each test section earn one of four Career Readiness Certificates (Bronze, Silver, Gold, or Platinum) that can be used when applying for jobs, internships, college programs, and training opportunities.

COLLEGE ENTRANCE TESTS

ACT (American College Test)
The ACT is designed to assess high school students’ general educational development and their ability to complete college-level work. The test covers five skill areas: English, mathematics, reading, science, and writing. ACT scores are universally accepted for college admission.

At Dorman, Juniors have the option of choosing to take the ACT in the Spring as their selection for a state-funded, School Day College Entrance Assessment.

Any student may choose to take the ACT through the traditional Saturday option of testing. Visit www.act.org or see your guidance counselor for a schedule of possible dates and more information.

SAT (Scholastic Aptitude Test)
The SAT is a test that measures the critical reading, writing, and mathematical skills that students have developed over time. Many colleges and universities use the SAT as one indicator of a student’s readiness to do college-level work.

At Dorman, Juniors have the option of choosing to take the SAT in the Spring as their selection for a state-funded, School Day College Entrance Assessment.

Any student may choose to take the SAT through the traditional Saturday option of testing. Visit www.collegeboard.org or see your guidance counselor for a schedule of possible dates and more information.

You can learn more about all these assessments and current updates to South Carolina’s assessment implementation plans at https://ed.sc.gov/tests/high/.
SOUTH CAROLINA SCHOLARSHIPS

SOUTH CAROLINA HOPE SCHOLARSHIP

Initial Eligibility Criteria

Graduate from high school with at least a cumulative 3.0 GPA based on the SC Uniform Grading Policy.

Not be a recipient of the LIFE, Palmetto Fellows or Lottery Tuition Assistance awards.

Be a SC resident and US citizen/legal permanent resident at the time of high school graduation and college enrollment; and

Enroll as a full time degree seeking student at an eligible four-year institution in South Carolina.

SOUTH CAROLINA LIFE SCHOLARSHIP

Initial Eligibility at four-year institutions

Students must meet two of the following three criteria:

Graduate from high school with at least a cumulative 3.0 GPA based on the SC Uniform Grading Policy.

Rank* in the top 30 percent of the graduating class based on the uniform grading policy.

Score at least 1100 on the SAT (or 24 on the ACT) by June of the senior year. Only the math and critical reading scores of the SAT may be included.

Initial Eligibility at two-year institutions

Graduate from high school with at least a cumulative 3.0 GPA based on the SC Uniform Grading Policy.

Be a SC resident and US citizen/legal permanent resident at the time of high school graduation and college enrollment; and

Not be recipients of the Palmetto Fellows Scholarship, SC HOPE Scholarship or Lottery Tuition Assistance.

For more information on state scholarships and grants, please visit the SC Commission on Higher Education’s website: www.che.sc.gov
SOUTH CAROLINA SCHOLARSHIPS

Eligibility

Students meet one of the following criteria:

- Earn a cumulative 3.5 GPA (based on the SC UGP)
- Rank* in the top 6% at the end of the 10th, 11th, or 12th grade academic year
- Earn a 1200 on the SAT or 27 on the ACT

OR

- Earn a cumulative 4.0 GPA
- Earn a 1400 on the SAT or 32 on the ACT.

Please work with your guidance counselor/home school representative to review your eligibility. A student must attend an eligible 4-year SC institution the fall semester following high school graduation.

*Rank is based on the policy in place at the high school/home school association. The student will need to be in compliance with their school’s rank policy.

SC Need-based Grant

The purpose of the SC Need-based grant is to provide additional financial aid to South Carolina’s neediest students. A student must enroll full-time or part-time as a degree-seeking student at an eligible SC public institution. To apply, students must complete the Free Application for Federal Student Aid (FAFSA). The financial aid office at each eligible SC public college administers the SC Need-based Grant, as well as determines the students’ eligibility.

Lottery Tuition Assistance Program

The Lottery Tuition Assistance Program (LTAP) is available to those students on a first-come, first-served basis who attend an eligible SC 2-year institution. LTAP goes directly to the cost of tuition. A student needs to complete a FAFSA application for eligibility. The student should contact the institutional financial aid office for questions of any additional steps that are necessary to be considered for LTAP.

Am I going to be one of the only students depending on financial aid?

The truth is that more than half of current college students rely on at least some form of financial aid, whether it’s a savings plan, scholarship, grant, loan or work-study program.
COLLEGE AND CAREER READINESS INDICATORS

In order to demonstrate college and career readiness, it is our goal to help students meet at least ONE of these important indicators by the end of their Senior year. These indicators, defined by the South Carolina Department of Education, are strong signs of a student's readiness for their next steps. However, keep in mind that colleges, universities, and employers set their own criteria for admissions and employment.

College Readiness Indicators
1. ACT – Score 20 or higher
2. SAT – Score 1020 or higher
3. AP – Score 3 or higher on any subject exam
4. C or higher in six hours’ worth of dual credit courses

Career Readiness Indicators
5. WIN/R2W (Career Assessment) – Score Silver, Gold or Platinum
6. ASVAB – Score 31 or higher
7. CTE Completer
8. Work-Based Internship

PROFILE OF THE South Carolina Graduate

WORLD-CLASS KNOWLEDGE
Rigorous standards in language arts and math for career and college readiness
Multiple languages, science, technology, engineering, mathematics (STEM), arts and social sciences

WORLD-CLASS SKILLS
Creativity and innovation
Critical thinking and problem solving
Collaboration and teamwork
Communication, information, media and technology
Knowing how to learn

LIFE AND CAREER CHARACTERISTICS
Integrity • Self-direction • Global perspective • Perseverance • Work ethic • Interpersonal skills

© SCASA Superintendents Roundtable

AN INITIATIVE OF SOUTH CAROLINA COUNCIL ON COMPETITIVENESS
ONE OPPORTUNITY. LIMITLESS POSSIBILITIES.

If you want to play sports at an NCAA Division I or II school, start by registering for a Certification Account with the NCAA Eligibility Center at eligibilitycenter.org. If you want to play Division III sports or you aren’t sure where you want to compete, start by creating a Profile Page at eligibilitycenter.org.

ACADEMIC REQUIREMENTS
To play sports at a Division I or II school, you must graduate from high school, complete 16 NCAA-approved core courses, earn a minimum GPA and earn an ACT or SAT score that matches your core-course GPA.

CORE COURSES
Only courses that appear on your high school’s list of NCAA core courses will count toward the 16 core-course requirement; visit eligibilitycenter.org/courseList for a full list of your high school’s approved core courses. Complete 16 core courses in the following areas:

DIVISION I
Complete 10 NCAA core courses, including seven in English, math or natural/physical science, before your seventh semester.

- ENGLISH: 4 years
- MATH: 3 years
- NATURAL/PHYSICAL SCIENCE: 2 years
- ADDITIONAL (English, math or natural/physical science): 1 year
- SOCIAL SCIENCE: 2 years
- ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy): 4 years

DIVISION II
Complete the following core courses:

- ENGLISH: 3 years
- MATH: 2 years
- NATURAL/PHYSICAL SCIENCE: 2 years
- ADDITIONAL (English, math or natural/physical science): 3 years
- SOCIAL SCIENCE: 2 years
- ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy): 4 years

GRADE-POINT AVERAGE
The NCAA Eligibility Center calculates your grade-point average based only on the grades you earn in NCAA-approved core courses.
- DI requires a minimum 2.3 GPA.
- DII requires a minimum 2.2 GPA.

SLIDING SCALE
Divisions I and II use sliding scales to match test scores and GPAs to determine eligibility. The sliding scale balances your test score with your GPA. If you have a low test score, you need a higher GPA to be eligible. Find more information about test scores at ncaa.org/test-scores.

TEST SCORES
You may take the SAT or ACT an unlimited number of times before you enroll full time in college. Every time you register for the SAT or ACT, use the NCAA Eligibility Center code 9999 to send your scores directly to us from the testing agency. We accept official scores only from the ACT or SAT, and won’t use scores shown on your high school transcript. If you take either test more than once, the best subscore from different tests are used to give you the best possible score.
Schools of Study were developed by Spartanburg School District Six to systematically organize both core courses and elective courses in order to help students select clusters of study and majors as required by the Education and Economic Development Act of 2005 (EEDA). Rigorous academic courses required for high school graduation, as well as relevant career-related courses, and extended learning opportunities will prepare students to be successful in post-secondary education and the workplace of the 21st century. Dorman offers elective courses which will meet a variety of student interests and needs. Additionally, Dual Enrollment courses are available to qualified students to give them an early college experience.

**Dorman High School offers five schools of study:**

- School of Arts, Humanities, and Communication
- School of Business Management & Information Systems
- School of Engineering, Manufacturing, and Industrial Technology
- School of Law and Public Services
- School of Medicine and Human Services

**Dorman High School offers courses found in all sixteen career clusters:**

- Arts, A/V Technology, and Communication
- Education and Training
- Business Management and Administration
- Finance
- Hospitality and Tourism
- Information Technology
- Marketing
- Agriculture, Food, and Natural Resources
- Architecture and Construction
- Manufacturing
- Science, Technology, Engineering, and Mathematics
- Transportation, Distribution, and Logistics
- Government and Public Administration
- Public Safety and Security
- Health Science
- Human Services

The purpose of choosing a Career Major in the 9th and 10th grade for the Individual Graduation Plan (IGP) is to promote students’ awareness of career opportunities related to the career clusters and majors and to focus elective credits. While the process of selecting a cluster is required for students in South Carolina by state Law (EEDA), completion of the IGP major is recommended, but not required, for graduation.

The following pages should be used to help students link course choices to potential career interests, as well as outline the requirements to complete a particular program at Dorman. Some completions are for programs that hold the additional distinction of being state-recognized Career and Technology Education (CTE) programs. Students who complete a CTE program are automatically deemed Career-Ready under South Carolina's College/Career Readiness Profile for high school graduates.
DHS MAJORS for 2020-2021

**Agriculture, Food, and Natural Resources**
- Horticulture (4 units required)
- Animal Systems (4 units required)

**Architecture and Construction**
- Carpentry (4 units required)
- Heating, Ventilation, and Air Conditioning (HVAC) (4 units required)
- Plumbing (4 units required)

**Arts, A/V Technology, and Communications**
- Architectural Design (4 units required)
- Mechanical Design (4 units required)
- Digital Art and Design (4 units required)
- English/Journalism (4 units required)
- Graphic Communications (4 units required)
- History (4 units required)
- Media Technology (4 units required)
- Performing Arts (4 units required)
- Visual Arts (4 units required)
- World Languages (4 units required)

**Business Management and Administration**
- General Management (3 units required)

**Education and Training**
- Education and Training (4 units required)

**Finance**
- Accounting (3 units required)
- Business Finance (3 units required)

**Government and Public Administration**
- Military Leadership (4 units required)

**Health Science**
- Biomedical Science (PLTW) (3 units required)
- Health Science (3 units required)
- Math and Science for Medicine (4 units required)
- Physical Education (4 units required)
- Sports Medicine (3 units required)

**Hospitality and Tourism**
- Culinary Arts Management (3 units required)

**Human Services**
- Barber/Master Hair Care (8 units required)
- Cosmetology (8 units required)
- Family and Consumer Sciences (3 units required)

**Information Technology**
- Web and Digital Communications (3 units required)

**Law, Public Safety, Corrections, and Security**
- Emergency and Fire Management Services (3 units required)
- Law Enforcement Services (3 units required)

**Manufacturing**
- Machine Technology (4 units required)
- Mechatronics Integrated Technologies (4 units required)
- Welding (4 units required)

**Science, Technology, Engineering, and Math**
- Math and Science for Engineering (4 units required)
- Pre-Engineering (PLTW) (4 units required)

**Transportation, Distribution, and Logistics**
- Automotive Collision Repair Technology (4 units required)
- Automotive Technology (4 units required)

*BOLD Italics indicates CTE Major*
SCHOOL OF ARTS, HUMANITIES, & COMMUNICATIONS

ARTS, A/V TECHNOLOGY AND COMMUNICATION CLUSTER

CTE MAJORS

Architectural Design Major – 4 units
- Architectural Design 1* (RDA 9, 10, 11)
- Architectural Design 2* (RDA 11, 12)
- Carpentry 1 (RDA 9, 10, 11)
- Carpentry 2 (RDA 10, 11, 12)
- HVAC 1 - 2 units (Master Skills Center 10, 11, 12)
- Plumbing 1 - 2 units (Master Skills Center 10, 11, 12)
- PLTW – Intro to Engineering Design
- PLTW – Principles of Engineering
- Mechanical Design 1
- Mechanical Design 2
*Required for Major

Mechanical Design Major – 4 units
- Mechanical Design 1* (RDA 9, 10, 11)
- Mechanical Design 2* (RDA 11, 12)
- Mechatronics 1 (RDA 9, 10, 11)
- Mechatronics 2 (RDA 10, 11, 12)
- Welding 1 - 2 units (RDA 10, 11)
- Auto Collision Repair 1 (RDA 10, 11)
- Auto Technology 1 - 2 units (RDA 10, 11)
- PLTW – Intro to Engineering Design
- PLTW – Principles of Engineering
- Architectural Design 1 (RDA 9, 10, 11)
- Architectural Design 2 (RDA 11, 12)
*Required for Major

Digital Art & Design Major - 4 units
- Digital Art & Design 1
- Digital Art & Design 2
- Digital Art & Design 3
- Digital Art & Design 4

Graphic Communications Major – 4 units
- Commercial Graphics 1 (RDA 9, 10, 11)
- Commercial Graphics 2 (RDA 10, 11, 12)
- Commercial Graphics 3 - 2 units (RDA 11,12)

Media Technology Major- 4 units
- Media Technology 1
- Media Technology 2
- Media Technology 3
- Media Technology 4

DORMAN MAJORS (NOT CTE)

English/Journalism Major - 4 units
- Composition and Research
- Image Editing 1
- Newspaper Production
- SPC 205 (Public Speaking)
- Sports Information
- Yearbook Production

History Major - 4 units
- AP Economics
- AP European History
- AP Psychology
- AP US Government
- AP US History
- AP World History
- Composition and Research
- Law Education
- World History I / II

Related Career Options:
- Architect
- Architectural Manager
- Artist
- Drafter
- Furniture Designer
- Industrial Designer
- Interior Designer
- Landscape Architect
- Surveyor
- Urban Planner

Related Career Options:
- Automotive Designer
- Design and Development Specialist
- Design Engineer
- Industrial Designer
- Mechanical Designer
- Mechanical Drafter
- Mechanical Engineer
- Systems Analyst

Related Career Options:
- Art Teacher
- Graphic Designer
- Media Manager
- Photojournalist
- Photographer
- Visual Merchandiser

Related Career Options:
- Commercial Artist
- Desktop Publishing Specialist
- Graphics Technician
- Interior Designer
- Printer
- Publisher

Related Career Options:
- Assistant Director
- Boom Operator
- Gaffer
- Media Specialist
- Retail Store Manager
- Videographer
- Grip

Related Career Options:
- Author
- Blogger
- Broadcast Technician
- Copy Editor
- Creative Writer
- Educator
- Journalist
- Media Specialist
- Reporter
- Technical Writer

Related Career Options:
- Archivist
- Documentary Film
- Educator
- Lawyer
- Legal Assistant
- Museum Curator
- Politician
- Production Consultant
- Public Relations Staffer
- Researcher
**DORMAN MAJORS (NOT CTE)**

### Performing Arts Major - 4 units
- Band Courses
- Chorus Courses
- Dance Courses
- Orchestra Courses
- Theatre Courses

### Visual Arts Major - 4 units
- Art I
- Art I Visions
- Art: Design Principles
- Art I: Intro to 3-D Design
- Art II: Drawing
- Art II: Mixed Media
- Art II: Painting I
- Art III
- Art IV HON
- Advanced Painting
- Advanced Sculpture
- AP Studio Art - 3-D Design
- AP Studio Art - 2-D Design
- AP Studio Art - Drawing
- AP Art History

### World Languages Major - 4 units
- French I
- French II
- French III
- French IV
- German I
- German II
- German III
- German IV
- Spanish I
- Spanish II
- Spanish III
- Spanish IV
- AP Spanish

**Related Career Options:**
- Costume/Set Designer
- Make up Artist
- Performer
- Recording Artist
- Retail Music Sales

**Related Career Options:**
- Music Therapist
- Producer/Studio Arranger
- Conductor/Composer
- Choreographer
- Educator

**Related Career Options:**
- Advertising
- Artist
- Commercial Illustrator
- Designer
- Florist
- Graphic Designer
- Graphic Illustrator
- Photographer
- Photojournalist

**Related Career Options:**
- Administrative Assistant
- Business Consultant
- Customer Service Representative
- Educator
- Foreign Service Officer
- Interpreter
- Linguist
- Military Service
- Tour Guide
- Translator
- Travel Agent

**Related Career Options:**
- Child Development Assistant
- Childcare Worker
- Educator
- Family Services
- Industrial Trainer
- Library Assistant
- Recreation Director
- Special Education
- Teacher Aide

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**EDUCATION AND TRAINING CLUSTER**

**DORMAN MAJORS (NOT CTE)**

### Education and Training - 4 units
- Child Development I
- Composition and Research
- ECDF 201 (Intro to Early Care and Education)
- Family Life Education
- Food Science and Dietetics I
- Human Development
- Psychology
- Public Speaking
- Teacher Cadet Practicum
- Teacher Cadet Theory

**Related Career Options:**
- Child Development Assistant
- Childcare Worker
- Educator
- Family Services
- Industrial Trainer
- Library Assistant
- Recreation Director
- Special Education
- Teacher Aide
# BUSINESS MANAGEMENT AND ADMINISTRATION CLUSTER

## CTE MAJORS

### General Management Major - 3 units
- Accounting 1* (or ACCT 101)
- Entrepreneurship* (RDA 10, 11, 12)
- Accounting 2 (or ACCT 102)
- Business Principles and Management
- Fundamentals of Business, Marketing, and Finance
- Integrated Business Applications
- Business Law
- MKTG 101 (Marketing)

*Required for Major

### Accounting Major - 3 units
- Accounting 1* (or ACCT 101)
- Accounting 2* (or ACCT 102)
- Business Finance
- Business Principles and Management
- Entrepreneurship (RDA 10, 11, 12)
- Fundamentals of Business, Marketing, and Finance
- Integrated Business Applications
- Personal Finance

*Required for Major

### Business Finance Major - 3 units
- Accounting 1* (or ACCT 101)
- Business Finance*
- Entrepreneurship (RDA 10, 11, 12)
- Fundamentals of Business, Marketing, and Finance
- Integrated Business Applications
- MKTG 101 (Marketing)
- Personal Finance

*Required for Major

## FINANCE CLUSTER

### Accounting Major - 3 units
- Accounting 1* (or ACCT 101)
- Accounting 2* (or ACCT 102)
- Business Finance
- Business Principles and Management
- Entrepreneurship (RDA 10, 11, 12)
- Fundamentals of Business, Marketing, and Finance
- Integrated Business Applications
- Personal Finance

*Required for Major

### Business Finance Major - 3 units
- Accounting 1* (or ACCT 101)
- Business Finance*
- Entrepreneurship (RDA 10, 11, 12)
- Fundamentals of Business, Marketing, and Finance
- Integrated Business Applications
- MKTG 101 (Marketing)
- Personal Finance

*Required for Major

## HOSPITALITY AND TOURISM CLUSTER

### Culinary Arts Management Major - 3 units
- Culinary Arts 1* - 2 units (RDA 10, 11)
- Culinary Arts 2 - 2 units (RDA 11, 12)
- Baking and Pastry - 2 units (RDA 11, 12)

*Required for Major

## INFORMATION TECHNOLOGY CLUSTER

### Web and Digital Communications Major - 3 units
- Fundamentals of Web Page Design and Development*
- OR Web Design 1 (RDA 10, 11, 12)
- Advanced Web Page Design and Development*
- Digital Multimedia*
- Fundamentals of Computing
- Game Design and Development
- Image Editing I
- Integrated Business Applications

*Required for Major

## Related Career Options:

### BUSINESS MANAGEMENT AND ADMINISTRATION CLUSTER
- Account Manager
- Accounting Clerk
- Billing Clerk
- Bookkeeper
- Business Analyst
- Court Reporter
- Data Entry Specialist
- Human Resource Manager
- Receptionist

### FINANCE CLUSTER
- Accountant
- Auditor
- Bank Teller
- Bookkeeper
- Claims Agent
- Examiner
- Financial Planner
- Insurance Agent
- Sales Agent

### HOSPITALITY AND TOURISM CLUSTER
- Baker
- Food and Beverage Manager
- Caterer
- Chef
- Events Planner
- Restaurant Owner
- Restaurant Server
- Kitchen Manager

### INFORMATION TECHNOLOGY CLUSTER
- Application Engineer
- Game Developer
- Multimedia Author
- Network Administrator
- Network Technician
- PC Support Services
- Programmer
- Software Design Engineer
- Virtual Reality Specialist
CTE MAJORS

Animal Systems Major - 4 units
- Intro to Agricultural Science & Technology (RDA 9, 10, 11)
- Veterinary Science (RDA 10, 11, 12)
- Small Animal Care (RDA 10)
- Farm Animal Production (RDA 11, 12)
- Equipment Operations (RDA 10, 11, 12)
- Equine Science (RDA 11, 12)
- Agricultural Mechanics (RDA 10, 11, 12)

Horticulture Major - 4 units
- Intro to Agricultural Science & Technology (RDA 9, 10, 11)
- Horticulture & Greenhouse Management (RDA 9, 10, 11)
- Nursery, Greenhouse & Garden Center (RDA 10, 11, 12)
- Landscape Technology (RDA 10, 11, 12)
- Agricultural Mechanics (RDA 10, 11, 12)
- Equipment Operations (RDA 10, 11, 12)
- Turf & Lawn Management (RDA 11, 12)

Carpentry Major - 4 units
- Carpentry 1 (RDA 9, 10, 11)
- Carpentry 2 (RDA 10, 11, 12)
- Carpentry 3 - 2 units (RDA 11, 12)

Heating, Ventilation, and Air Conditioning Major - 4 units
- HVAC Technology 1 (2 units) (Master Skills Center 10, 11, 12)
- HVAC Technology 2 (2 units) (Master Skills Center 11, 12)

Plumbing Major - 4 units
- Plumbing 1 - 2 units (Master Skills Center 10, 11, 12)
- Plumbing 2 - 2 units (Master Skills Center 11, 12)

Related Career Options:
- Animal Breeder
- Animal Caretaker
- Farm Worker
- Fish & Game Warden
- Veterinarian Assistant
- Veterinarian Technician
- Conservationist
- Fish & Game Warden
- Forestry Technician
- Groundskeeper
- Landscape Architect
- Pest Control Specialist
- Renewable Energy Specialist
- Carpenter
- Drywall Installer
- Foreman
- General Contractor
- Refrigeration Technician
- HVAC Installer/Mechanic
- Automotive Technician
- Plumber
- Pipe Fitter
- Machinist
- Sheet Metal Worker
- Hydraulics Technician
- Tool and Die Maker
- Power Plant Operator
- Production Worker
- Engineering/Manufacturing Technician
- Manufacturing Production Worker
- Robotic Equipment Repair Technician
- Welder
- General Contractor
- Pipeline Repair
- Quality Technician
## CTE MAJORS

**Pre-Engineering (Project Lead the Way) Major - 4 units**
- PLTW Intro to Engineering Design
- PLTW Principles of Engineering
- PLTW Engineering Design & Development
- PLTW Civil Engineering & Architecture

**Related Career Options:**
- Engineering/Manufacturing Technician
- Industrial Troubleshooter
- Mechatronics Technician
- Robotic Equipment Repair

### DORMAN MAJORS (NOT CTE)

**Math and Science for Engineering Major - 4 units**
- Fundamentals of Web Page Design and Development*
  - OR Web Design 1 (RDA 10, 11, 12)
  - OR AP Computer Science Principles
- Calculus
  - OR AP Calculus AB
- AP Calculus BC
- Chemistry II HON
  - OR AP Chemistry
- Physics

*Required for Major

**Related Career Options:**
- Biochemical Engineer
- Biomedical Engineer
- Chemical Engineer
- Computer Engineer
- Electrical Engineer
- Industrial Engineer
- Mechanical Engineer

### TRANSPORTATION, DISTRIBUTION, AND LOGISTICS CLUSTER

**CTE MAJORS**

**Automotive Collision Repair Technology Major - 4 units**
- Automotive Collision Repair 1 (RDA 10, 11)
- Automotive Collision Repair 2A & 2B - 4 units/2 semesters (RDA 11, 12)

**Related Career Options:**
- Auto Collision Repair Technician
- Auto Collision Repair Supervisor
- Auto Detailer
- Insurance Estimator

**Automotive Technology Major - 4 units**
- Automotive Technology 1 - 2 units (RDA 10, 11)
- Automotive Technology 2 – 2 units (RDA 11, 12)
- Automotive Technology 3 – 2 units (RDA 11, 12)

**Related Career Options:**
- Auto Technician
- Aircraft Mechanic
- Heavy Equipment Mechanic
- Automotive Service Manager

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Related Career Options:
- Engineering/Manufacturing Technician
- Industrial Troubleshooter
- Mechatronics Technician
- Robotic Equipment Repair

Related Career Options:
- Biochemical Engineer
- Biomedical Engineer
- Chemical Engineer
- Computer Engineer
- Electrical Engineer
- Industrial Engineer
- Mechanical Engineer

Related Career Options:
- Auto Collision Repair Technician
- Auto Collision Repair Supervisor
- Auto Detailer
- Insurance Estimator

Related Career Options:
- Auto Technician
- Aircraft Mechanic
- Heavy Equipment Mechanic
- Automotive Service Manager
CTE MAJORS

**Emergency and Fire Management Services Major – 3 units**
- Fire Fighter 1 (RDA 9, 10, 11)
- Fire Fighter 2 – 2 units (RDA 10, 11, 12)

**Law Enforcement Major – 3 units**
- Law Enforcement Services 1 (RDA 9, 10, 11)
- Law Enforcement Services 2 – 2 units (RDA 10, 11, 12)

**DORMAN MAJORS (NOT CTE)**

**Military Leadership Major - 4 units**
- JROTC I (Basic)
- JROTC II (Area Studies)
- JROTC III (Intermediate)
- JROTC IV (Advanced)

Related Career Options:
- Fire Fighter
- Arson Investigator
- Fire Protection Technologist
- Military Service
- Fire Inspector
- Paramedic

- Detective
- Correctional Guard
- Military Service
- Security Guard
- Police Patrol Officer
- Prison Warden
- Probation Officer
- Protective Services

- Enlisted Military Service
- Enlisted Military Specialist
- Commissioned Officer
HEALTH SCIENCE CLUSTER

CTE MAJORS

Biomedical Sciences (Project Lead the Way) Major – 3 units
- PLTW Human Body Systems*
- PLTW Principles of Biomedical Science*
- PLTW Medical Interventions
- Health Science 3 (RDA 10, 11, 12)
- Medical Terminology (RDA 11, 12)
*Required for Major

Health Science Major – 3 units
- Health Science 1* (RDA 9, 10)
- Health Science 2* (RDA 10, 11)
- Health Science 3 (RDA 10, 11, 12)
- PLTW Human Body Systems
- Health Science Clinical Studies (RDA 12)
- Medical Terminology (RDA 11, 12)
*Required for Major

Sports Medicine Major - 3 units
- Sports Medicine 1*(RDA 10, 11)
  OR Athletic Training/Sports Medicine I (DHS course)
- Sports Medicine 2* (RDA 11, 12)
  OR Athletic Training/Sports Medicine II (DHS course)
- Health Science 3 (RDA 10, 11, 12)
- Medical Terminology (RDA 11, 12)
*Required for Major

DORMAN MAJORS (NOT CTE)

Math and Science for Medicine Major - 4 units
- Anatomy and Physiology*
- AP Biology*
- AP Calculus AB
- AP Chemistry
- AP Statistics
- Physics
*Required for Major

Physical Education Major - 4 units
- Physical Education Strength Training (PES)
- Sports Nutrition I
- Sports Nutrition II

Related Career Options:
- Dental Assistant
- Medical Lab Technician
- Emergency Medical Technician
- Chiropractor
- Nurse
- Pharmacist
- Patient Care Assistant
- Anesthetist
- Phlebotomy Technician
- Veterinary Technologist
- Physician
- Respiratory Therapist

Related Career Options:
- Emergency Medical Technician
- Nurse Practitioner
- Home Health Care Aid
- Medical Lab Technician
- Nurse
- Speech Pathologist
- Patient Care Assistant
- Anesthetist
- Pharmacy Technician
- Surgical Technologist
- Physician
- Respiratory Therapist

HUMAN SERVICES CLUSTER

CTE MAJORS

Cosmetology Major – 8 units
- Cosmetology 1A – 2 units (RDA 11)
- Cosmetology 1B – 2 units (RDA 11)
- Cosmetology 2A – 2 units (RDA 12)
- Cosmetology 2B – 2 units (RDA 12)

Barber/Master Hair Care Major – 8 units
- Barber/Master Hair Care 1A – 2 units (Master Skills Center 11)
- Barber/Master Hair Care 1B – 2 units (Master Skills Center 11)
- Barber/Master Hair Care 2A – 2 units (Master Skills Center 12)
- Barber/Master Hair Care 2B – 2 units (Master Skills Center 12)

Related Career Options:
- Cosmetologist
- Esthetician
- Salon Owner
- Stylist

Related Career Options:
- Barber
- Shop Owner
- Stylist
CTE MAJORS

Family and Consumer Science Major – 3 units
- Child Development I*
- Family & Consumer Sciences*
- Family Life Education*
- Human Development*
- Sports Nutrition*
- Foods & Nutrition*
- Culinary Arts 1 - 2 units (RDA 10, 11)
- Fashion Design & Apparel Construction
- Food Science & Dietetics I
- Personal Finance
- Teacher Cadet Theory

*At Least 2 of These Courses Required for Major

NOTE: Program completers in Family and Consumer Sciences must select courses that show a clear path to a career and be able to complete an approved assessment successfully.

Related Career Options:
- Childcare Worker
- Clinical Social Worker
- Family Therapist
- Humanitarian Worker
- Mental Health Counselor
- Minister
- Residential Counselor
- Social Services Assistant
- Sociologist
- Substance Abuse Counselor
- Teaching Assistant
Course Information
Students need 4 English credits to earn a diploma.

Dorman courses that will satisfy the graduation requirement for English are marked with an *. These courses include:
- English I, II, III, & IV
- World Literature
- AP Language and Composition
- AP Literature and Composition
- Composition and Research
- ENGL 101 & ENGL 102 (Dual Enrollment)

Placement in English courses is determined by a combination of factors: completion of prerequisite courses, teacher recommendations, grades, and test scores. Placement methods vary by grade and course level. A parent conference is required before a recommended placement or level can be changed.

Students taking Advanced (ADV), Honors (HON), or AP-level courses are required to complete summer reading. See https://dhs.spart6.org/ for more information.

ENGLISH I CP*
1 Unit Grade: 9
Prerequisite: Teacher Recommendation
This course is designed to provide students with skills and knowledge in oral and written communication, world literature, grammar, usage, and word study. Students will focus on becoming proficient readers and writers.

ENGLISH I ADV*
1 Unit Grade: 9
Prerequisite: Teacher Recommendation
This course is designed to provide students with in-depth skills and knowledge in oral and written communication, world literature, grammar, usage, and word study. Students will focus on becoming effective readers and writers.

ENGLISH I PRE-AP/HON*
1 Unit Grades: 8-9
Prerequisite: Teacher Recommendation
This is the beginning of a program of accelerated courses designed for the student who has demonstrated exceptional ability in language arts. The acceleration is designed to prepare students for AP English Language and Composition and AP English Literature and Composition. The courses emphasize critical analysis, written and oral composition, vocabulary building, and language study.

ENGLISH II-IV CP*
1 Unit Grades: 10-12
Prerequisite: Previous English CP or ADV Course
In the English CP courses, students study language, composition, and literature in preparation for community college or the workplace. English III students will study American literature; English IV students will study British literature. English II CP concludes with a state-mandated end-of-course test that counts 20% of a student's final grade.

ENGLISH II-IV ADV*
1 Unit Grades: 10-12
Prerequisite: Previous English ADV or HON Course
In the English ADV courses, students study language, composition, and literature in preparation for a four year college. English III students will study American literature; English IV students will study British literature. English II ADV concludes with a state-mandated end-of-course test that counts 20% of a student's final grade. All ADV courses require summer reading.

ENGLISH II PRE-AP/HON*
1 Unit Grades: 9-10
Prerequisite: English I Pre-AP/HON
This course is a survey of American literature on the honors level. Students will practice close reading and analytic writing that will prepare them for entrance into an AP classroom. This course requires summer reading and concludes with a state-mandated end-of-course test that counts 20% of a student's final grade.

ENGLISH III HON*
1 Unit Grades: 10-11
Prerequisite: English II Pre-AP/HON, Composition and Research HON
This course is a survey of British literature on the honors level. Students will practice close reading and analytic writing that will prepare them for serious college study or entrance into an AP classroom. This course requires summer reading.

AP ENGLISH LANGUAGE AND COMPOSITION*
1 Unit Grades: 10-12
Prerequisite: English II Pre-AP/HON or English III HON, Composition and Research HON or STEM Humanities
This college-level, writing intensive course is designed for thoughtful, highly motivated students who will take the AP Language and Composition Examination. Students will analyze how language is used in a wide range of mainly non-fiction texts and contexts and engage in argumentation on a variety of subjects. Students enrolled in fall sections of the course will be expected to attend review sessions in the spring. This course requires summer reading. Students enrolled in an AP course are expected to take the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.

AP ENGLISH LITERATURE AND COMPOSITION*
1 Unit Grades: 11-12
Prerequisite: Composition and Research HON, English II Pre-AP/HON or English III HON or AP English Language & Composition or STEM Humanities
This college-level, writing intensive course is designed for thoughtful, highly motivated students who will take the AP Literature and Composition Examination. Students will analyze how language is used in a wide range of
respected literary works. Students enrolled in fall sections of the course will be expected to attend review sessions in the spring. This course requires summer reading. Students enrolled in an AP course are expected to take the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.

**WORLD LITERATURE ADV***
1 Unit Grades: 11-12
Prerequisite: AP Language and Composition, English IV ADV, or English III HON
This course is designed around a study of literary genres using a sampling of the most notable world authors. Designed for college-bound students, the course provides instruction in which language, composition, and literature are closely interrelated. This course requires summer reading.

**COMPOSITION AND RESEARCH ADV***
1 Unit Grades: 10-12
Prerequisite: C or higher in English ADV
This class is designed to ensure a strong foundation in language arts skills that will prepare students for college. Students will analyze both fiction and nonfiction writings; write analytical, narrative, and descriptive essays; complete a research paper; and prepare for the ACT/SAT language tests.

**COMPOSITION AND RESEARCH HON***
1 Unit Grades: 10-12
Prerequisite: English I Pre-AP/HON
This rigorous course is designed to ensure a strong foundation in language arts skills that will prepare students for AP English Language and AP English Literature. Students will analyze both fiction and nonfiction writings; write analytical, narrative, and descriptive essays; complete a research paper; and prepare for the ACT/SAT language tests. This course is a required prerequisite for English III HON, AP English Language and Composition, and AP English Literature and Composition.

--- ENGLISH ELECTIVES ---

**CREATIVE WRITING CP**
1 Unit Grades: 10-12
Prerequisite: None
This course is designed for the student who enjoys writing, wants an outlet for his/her expression, and desires an opportunity to practice different kinds of writing. This course is designed to help students improve their writing skills and increase their creativity. During class, students will also produce The Shield, Dorman’s literary magazine.

**CREATIVE WRITING HON**
1 Unit Grades: 10-12
Prerequisite: Completion of an HON or AP-level English class
This course will allow students to use a writing workshop format to perfect their craft. This format allows students to pursue their own writing interests, while developing specific composition skills through practice, collaboration, and one-on-one conferences with the instructor. Students will also design and produce The Shield, Dorman’s literary magazine.

**ESOL (FALL) & ESOL (SPRING)**
1 Unit Grades: 9-12
Prerequisite: Identification as ESL Student
The ESOL class is designed to help students whose first language is NOT English. Students learn to understand, speak, read, and write English. The course also provides the student with awareness of American idioms, customs, and culture. Students are placed in one or more sections based on individual needs.

**INTRODUCTION TO FILM**
1 Unit Grades: 10-12
Prerequisite: None
This course is designed to introduce students to film as an art form. Students will learn about basic film techniques, relationships between form and content, and patterns in feature-length narrative films.

**INTRODUCTION TO PUBLIC SPEAKING**
1 Unit Grades: 10-12
Prerequisite: None
This introductory course exposes the student to many public speaking situations by stressing the importance of good communication skills in conversation, group discussion, advertising, and public discourse.

**NEWSPAPER PRODUCTION**
1 Unit Grades: 10-12
Prerequisite: None
This course covers all aspects of news writing and newspaper production, including photography. Some time outside of class is required to complete production. Qualified students may contract with the instructor to receive Honors weighting for this course.
**~ MATH ~**

Students need **4** Math credits to earn a diploma. One of these courses must be Algebra I or the equivalent of Algebra I (Foundations of Algebra & Intermediate Algebra).

Dorman courses that will satisfy the graduation requirement for Math are marked with an * . These courses include:

- All Math Courses

Placement in Math courses is determined by a combination of factors: completion of prerequisite courses, teacher recommendations, grades, and test scores. Placement methods vary by grade and course level. A parent conference is required before a recommended placement or level can be changed.

### FOUNDATIONS OF ALGEBRA CP*

1 Unit    Grades: 9

**Prerequisite: None**

Foundations of Algebra CP is the first of two algebra courses designed to prepare students for success in advanced math courses. This course is the first half of Algebra I, providing a foundation built on knowledge and skills mastered in middle-level math courses. It covers the following topics: real number system, relations and functions, linear equations and inequalities, linear functions, and systems of linear equations.

### FOUNDATIONS OF ALGEBRA ADV*

1 Unit    Grade: 9

**Prerequisite: None**

Foundations of Algebra ADV is a preparatory course for students entering college or technical fields. This course is the first half of Algebra I, providing a foundation built on knowledge and skills mastered in middle-level math courses. It covers the following topics: real number system, relations and functions, linear equations and inequalities, linear functions, and systems of linear equations. Topics are covered more in-depth than at the CP level.

### INTERMEDIATE ALGEBRA CP*

1 Unit    Grades: 9-10

**Prerequisite: Foundations of Algebra**

Intermediate Algebra CP is the second half of Algebra I, building upon knowledge and skills mastered in Foundations of Algebra. It covers the following topics: systems of linear inequalities, quadratic functions, exponential functions, polynomials. Students who successfully complete Foundations and Intermediate Algebra will have completed a course of study that is equal to Algebra I. This course concludes with a state-mandated end-of-course test that counts **20%** of a student's final grade.

### INTERMEDIATE ALGEBRA ADV*

1 Unit    Grades: 9-10

**Prerequisite: Foundations of Algebra ADV**

Intermediate Algebra ADV is the second half of Algebra I, building upon knowledge and skills mastered in Foundations of Algebra. It covers the following topics: systems of linear inequalities, quadratic functions, exponential functions, polynomials. Topics are covered more in-depth than at the CP level. Students who successfully complete Foundations and Intermediate Algebra will have completed a course of study that is equal to Algebra I. This course concludes with a state-mandated end-of-course test that counts **20%** of a student's final grade.

### ALGEBRA I HON*

1 Unit    Grades: 7-9

**Prerequisite: Teacher Recommendation (subject to change based on 8th-grade math and standardized test scores)**

This fast-paced course is designed for highly-motivated students who are able to grasp mathematical concepts quickly. All Algebra I standards will be covered in one semester. Topics covered include: expressions and functions, linear equations, linear and nonlinear functions, linear inequalities and systems, exponents and exponential functions, polynomials, and quadratics functions and equations. Students entering this course should have complete mastery of all 8th-grade math standards. This course concludes with a state-mandated end-of-course test that counts **20%** of a student's final grade.

### ALGEBRA II CP*

1 Unit    Grades: 11-12

**Prerequisite: Algebra I (or Foundations of Algebra & Intermediate Algebra), Geometry**

Algebra II CP is an extension of Algebra I CP, mainly covering the same topics but more intensely. Algebra II CP is designed for students planning to enter college or a technical school after graduation.

### ALGEBRA II ADV*

1 Unit    Grades: 11-12

**Prerequisite: Algebra I (or Foundations of Algebra ADV & Intermediate Algebra ADV), Geometry ADV**

Algebra II ADV is a deep extension of Algebra I ADV, mainly covering the same topics but more intensely. Students are expected to work with intensity and rigor at a pace that prepares them for college. This course is for students who are candidates for Statistics ADV, Algebra III ADV, and Precalculus.

### ALGEBRA II HON*

1 Unit    Grades: 9-12

**Prerequisite: Algebra I HON, Geometry HON**

Algebra II HON is designed for students who are able to grasp mathematical concepts quickly and have a very strong knowledge of previous algebraic concepts. Topics covered include: linear equations, relations and functions, quadratic functions, polynomials and polynomial functions, inverses and radical functions, exponential and logarithmic functions, and rational function. This course moves faster and covers topics in much greater depth than Algebra II CP and ADV. It is ideal for motivated math students who will ultimately be candidates for AP Calculus.

### ALGEBRA III ADV*

1 Unit    Grades: 10-12

**Prerequisite: Algebra II ADV or HON**

Algebra III ADV is an extension of advanced algebra. The course includes a study of polynomial, rational, exponential, logarithmic, and trigonometric functions.
GEOMETRY CP*
1 Unit  Grades: 10-12
Prerequisite: Algebra I (or Foundations of Algebra & Intermediate Algebra)

Geometry CP is a study of plane and space geometric concepts. Topics include: two and three-dimensional figures, parallel and perpendicular lines, triangles, quadrilaterals, proportions and similarity, right triangles, and circles. It is ideal for students who also plan to take Statistics, Algebra II CP, and/or SREB Ready for College Math at a later time. Geometry CP is taught at a practical pace with an emphasis on career and real-world applications.

GEOMETRY ADV*
1 Unit  Grades: 9-12
Prerequisite: Algebra I (or Foundations of Algebra & Intermediate Algebra ADV)

Geometry ADV is designed for students who desire to attend college after graduation and who plan to continue into Algebra II ADV. This course is a college-prep study of plane and space geometric concepts based on Euclidean postulates and covers the following topics: two and three-dimensional figures, parallel and perpendicular lines, triangle congruence and relationships, quadrilaterals, proportions and similarity, right triangles, and circles. This course is designed to strengthen the student’s ability in patterns of reasoning as applied to mathematical and non-mathematical situations.

GEOMETRY HON*
1 Unit  Grades: 8-12
Prerequisite: Algebra I HON

Geometry HON is designed for students who are able to grasp mathematical concepts quickly and have a deep understanding of previous algebraic concepts. It is a college-prep study of plane and space geometric concepts based on Euclidean postulates. This course covers the following topics: two and three-dimensional figures, geometric proofs, parallel and perpendicular lines, triangle congruence and relationships, quadrilaterals, proportions and similarity, right triangles and trigonometry, and circles. Studies are designed to strengthen the student’s ability in patterns of reasoning as applied to mathematical and non-mathematical situations. This course moves faster and covers topics in much greater depth than Geometry CP and ADV. It is ideal for motivated math students who will ultimately be candidates for AP Calculus.

PRECALCULUS ADV*
1 Unit  Grades: 10-12
Prerequisite: Algebra II ADV or HON, Geometry ADV or HON

Precalculus ADV extends the understanding and applications of advanced algebra. It also covers a full study of trigonometry. This course can be used as a prerequisite for Calculus HON. Students will typically use a TI-84 graphing calculator for this course. (In-class calculators are provided.)

PRECALCULUS HON*
1 Unit  Grades: 10-12
Prerequisite: Algebra II HON, Teacher Recommendation

Precalculus HON develops conceptual understandings and applications of higher-level mathematics. This course covers topics in more depth than the Precalculus ADV course. It is ideal for students who are ultimately candidates for AP Calculus. Students will typically use a TI-Inspire CAS graphing calculator for this course. (In-class calculators are provided.)

CALCULUS HON*
1 Unit  Grades: 11-12
Prerequisite: Precalculus ADV or HON

Calculus HON is for students considering college majors that will include Calculus. Students are not required to have taken previous honors-level math courses in order to take this course. Comparable to Calculus I in college, this course provides a basic foundation for advanced studies in mathematics. Students will typically use a TI-Inspire CAS graphing calculator for the course. (In-class calculators are provided.) This is not an AP course; students do not take the AP Calculus Exam at the end of this course.

DIFFERENTIAL CALCULUS PRE-AP*
1 Unit  Grades: 11-12
Prerequisite: Precalculus HON, Teacher Recommendation

Differential Calculus Pre-AP is designed to stimulate secondary school students to high achievement and to eliminate the need to take this course later in college. Its curriculum will follow the AP model. Students will typically use a TI-Inspire CAS graphing calculator for this course. (In-class calculators are provided.) Students are not required to continue into AP Calculus AB after this course, but this course is considered the first part of the curriculum for AP Calculus AB.

AP INTEGRAL CALCULUS AB*
1 Unit  Grades: 11-12
Prerequisite: Differential Calculus Pre-AP, Teacher Recommendation

In AP Integral Calculus AB, students will further their calculus knowledge by studying integral calculus and its applications. Students will typically use a TI-Inspire CAS-CX graphing calculator for the course. (In-class calculators are provided.) Students who sign up to take this course should also sign up for Differential Calculus Pre-AP in the same school year. Students enrolled in an AP course are expected to take the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.

AP CALCULUS BC*
1 Unit  Grades: 11-12
Prerequisite: AP Calculus AB

AP Calculus BC is the highest level of calculus offered at Dorman. An extension of Calculus AB content, this course is intended for students who have a thorough knowledge of college preparatory mathematics. It includes a study of elementary functions, differential calculus, integral calculus, and series and sequences. In a single semester, it covers a volume of content that is generally taught in two semesters at the college level. Students will typically use a TI-Inspire CAS-CX graphing calculator for the course. (In-class calculators are provided.) Students enrolled in an AP course are expected to take the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.
Statistics CP
1 Unit Grades: 10-12
Prerequisite: Algebra I (or Foundations of Algebra & Intermediate Algebra), Geometry
Statistics CP introduces statistics, organizing and presenting data, and probability. Students will have to use the rules of mathematics they learned in Algebra I and the higher-order thinking and concepts they learned in Geometry in order to grasp the concepts taught in this course. Students will typically use a TI-83 graphing calculator for the course. (In-class calculators are provided.)

Statistics ADV*
1 Unit Grades: 10-12
Prerequisite: Algebra II ADV or HON, Geometry ADV or HON
Statistics ADV is designed to prepare students for success in a world where knowledge of data analysis, statistics, and probability is necessary to make informed decisions. Students build on the conceptual knowledge and skills they mastered in previous math courses in areas such as probability, data presentation and analysis, correlation, and regression. Topics are covered more in-depth than at the CP level. Students will typically use a TI-83 graphing calculator for the course. (In-class calculators are provided.)

AP Statistics*
1 Unit Grades: 10-12
Prerequisite: Algebra II HON or Precalculus
AP Statistics is a one-semester, college-level course in introductory statistics. It introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four major themes to the course: exploring data, sampling and experimentation, probability-based reasoning, and statistical inference. Students will typically use a TI-83 graphing calculator for the course. (In-class calculators are provided.) Students enrolled in an AP course are expected to take the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.

SREB Ready for College Math*
1 Unit Grades: 12
Also Known As: MAT 031/MAT 032
SREB Ready for College Math is designed for the student who plans to attend a two-year technical or community college, such as Spartanburg Community College or Greenville Technical College. With this in mind, the Accuplacer placement test those colleges use will be emphasized and administered during the course in order to help students gain advanced entry into freshman courses once they begin college. The course itself emphasizes understanding of mathematics concepts rather than just memorizing procedures. Math Ready students learn the context behind procedures and understand why certain formulas or methods are used to solve a problem. By engaging students in real-world applications and personal finance, Math Ready develops critical thinking skills that students will use in college and careers. Note that Math Ready is not designed to prepare students for advanced mathematics in STEM majors.
Project Lead the Way (PLTW) is a national program designed to provide transformative learning experiences for students in an engaging, hands-on classroom environment. Courses challenge them to think critically and creatively, communicate and collaborate with others, and persevere when something does not work the first time, and seek to empower students with problem-solving skills that are relevant to any career. Dorman PLTW courses fall into two pathways: engineering and biomedical science.

All Dorman PLTW courses are Honors-weighted.

Students need 7 Elective credits to earn a diploma.

All PLTW courses will go toward satisfying the graduation requirement for Electives.

Students need 1 Computer Science credit to earn a diploma.

PLTW courses that will satisfy the graduation requirement for Computer Science are marked with an *. These courses include:

- Principles of Engineering

Placement in PLTW courses is determined by a combination of completion of prerequisite courses, grade levels, and teacher recommendations. A parent conference is required before a recommended placement or level can be changed.

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**– PLTW ENGINEERING COURSES –**

PLTW Engineering is all about applying science, technology, engineering, and math through a project-based, hands-on approach to solve complex, open-ended problems in a real-world context. Students focus on defining and solving problems, not simply getting the "right" answer, and learn the habits of mind to improve the world through innovation. Students interested in careers that involve engineering technology, including mechatronics and robotics, are good candidates for PLTW Engineering courses.

**INTRODUCTION TO ENGINEERING DESIGN**

1 Unit Grades: 9-12

Prerequisite: Algebra I (or Foundations of Algebra & Intermediate Algebra)

In this introductory course to PLTW Engineering, students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to various problems using 3-D modeling software and use an engineering notebook to document their work.

**PRINCIPLES OF ENGINEERING**

1 Unit Grades: 10-12

Prerequisite: Introduction to Engineering Design

Through challenging problems, students explore a broad range of engineering topics, such as mechanisms, strength of structures/materials, and automation. Students develop skills in problem-solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. This course will count for the Computer Science graduation requirement.

**CIVIL ENGINEERING AND ARCHITECTURE**

1 Unit Grades: 10-12

Prerequisite: Introduction to Engineering Design, Principles of Engineering

Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3-D architectural design software.

**ENGINEERING DESIGN AND DEVELOPMENT**

1 Unit Grades: 11-12

Prerequisite: Teacher Recommendation

Recommended: Completion of Introduction to Engineering Design, Principles of Engineering, and Civil Engineering and Architecture

In this final course of the PLTW Engineering sequence, students use the skills acquired in preceding courses to identify an issue and then research, design, and test solutions, ultimately presenting solutions to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, a skill that can lead them directly into any post-secondary program or career. Students in this course should be innovative thinkers and independent learners who persist until a problem is solved.

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**– PLTW BIOMEDICAL SCIENCE COURSES –**

PLTW Biomedical Science allows students to investigate the roles of biomedical professionals as they study the concepts of human medicine, physiology, genetics, microbiology, and public health. Students engage in real-world simulations, such as investigating the death of a fictional person. They examine the structures and interactions of human body systems and explore the prevention, diagnosis, and treatment of disease, while working collaboratively to understand and design solutions to the world's most pressing health challenges. Students interested in careers that involve health science and medical research are good candidates for PLTW Biomedical Science courses.

**PRINCIPLES OF BIOMEDICAL SCIENCE**

1 Unit Grades: 9-12

Prerequisite: Science Teacher Recommendation

In this introductory course to PLTW Biomedical Science, students explore concepts of biology and medicine to determine factors that lead to the death of a fictional person. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.
HUMAN BODY SYSTEMS
1 Unit  Grades: 10-12
Prerequisite: Principles of Biomedical Science, PLTW Teacher Recommendation
In this course, the main idea is how the body systems work together to maintain homeostasis. Students study the processes, structures, and interactions of the human body through the concepts of identity, communication, power, movement, and protection.

MEDICAL INTERVENTION
1 Unit  Grades: 10-12
Prerequisite: Principles of Biomedical Science, Human Body Systems, PLTW Teacher Recommendation
In this course, students investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection, and how to screen and evaluate the code in human DNA. Students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

BIOMEDICAL INNOVATION
1 Unit  Grades: 10-12
Prerequisite: Medical Intervention, PLTW Teacher Recommendation
In this final course of the PLTW Biomedical Science sequence, students design innovative solutions for the most pressing health challenges of the 21st century. Topics include public health, biomedical engineering, clinical medicines, and physiology.

~ SCIENCE ~

Students need 3 Science credits to earn a diploma. One of these credits must be Biology.

Dorman courses that will satisfy the graduation requirement for Science are marked with an *. These courses include:
- Integrated Science
- Physical Science
- Astronomy
- Biology
- Chemistry
- Organic Chemistry
- Anatomy & Disease
- Anatomy & Physiology
- Physics
- Environmental Science

For entrance to four-year college programs, students need 3 Lab Science credits.

Dorman courses that are considered Lab Sciences are marked with a ^. These courses include:
- Biology
- Chemistry
- Organic Chemistry
- Anatomy & Disease
- Anatomy & Physiology
- Physics
- Environmental Science

Placement in Science courses is determined by a combination of factors: completion of prerequisite courses, teacher recommendations, grades, and test scores. Placement methods vary by grade and course level. A parent conference is required before a recommended placement or level can be changed.

INTEGRATED SCIENCE CP*
1 Unit  Grade: 9
Prerequisite: None
Integrated Science is an introductory science course that gives freshman students an opportunity to develop key skills in the physical sciences as well as biology. This survey course will explore chemistry topics such as properties of matter, the periodic table, and chemical bonding, biology topics such as an introduction to the organization of life and biochemistry, and physics topics such as a study of forces and motion. Upon completion of this course, students will be prepared to investigate chemistry, biology, and physics at deeper levels. Integrated Science emphasizes problem solving, critical thinking, and science and engineering process skills. This course will not count as a lab science but is a prerequisite for Biology I CP.
PHYSICAL SCIENCE ADV*  
1 Unit  Grade: 9  
Prerequisite: Passed or taking Algebra I, Teacher Recommendation  
This course provides an introduction to the basic principles of chemistry and physics while establishing a foundation for successive science courses. It is specifically designed for the average to above average student who needs a good foundation for college or for entry into a technical field. This course will not count as a lab science but is a prerequisite for Biology I ADV & Chemistry I ADV.

PHYSICAL SCIENCE HON*  
1 Unit  Grade: 9  
Prerequisite: Algebra I or Geometry, Teacher Recommendation  
Recommended: Enrolled in Geometry or Algebra II  
This course is designed for students with exceptional academic abilities and for students with an active interest in science or math fields. It provides an introduction to the basic principles of chemistry and physics and a firm foundation for successive science courses. It offers less repetition and allows for more laboratory experiences than Physical Science CP or ADV. Independent study and higher level thinking skills are encouraged. This course will not count as a lab science but is a prerequisite for Biology I HON & Chemistry I HON.

STEM - BIOLOGY I HON*^  
1 Unit  Grade: 9  
Prerequisite: STEM Foundations  
Biology is a required course for graduation. This level of Biology HON is designed to cover core standards while students continue conducting developing STEM scientific research and presenting research findings. This course is limited to students who are participants in the Dorman STEM program. This course can be used as a prerequisite for Biology II HON/Pre-AP as well as Chemistry II HON/Pre-AP. This course will count as a lab science. This course concludes with a state-mandated end-of-course test that counts 20% of a student's final grade.

BIOLOGY I CP*^  
1 Unit  Grades: 10-12  
Prerequisite: None  
Biology is a required course for graduation. This level of Biology is designed for students who are preparing for a community college or technical school. The five core areas of Biology covered include: cells as a system, energy transfer, heredity, biological evolution, and ecosystem dynamics. This course will count as a lab science. This course concludes with a state-mandated end-of-course test that counts 20% of a student's final grade.

BIOLOGY I ADV*^  
1 Unit  Grades: 10-12  
Prerequisite: Physical Science ADV or HON  
Biology is a required course for graduation. This level of Biology is designed for students who are preparing for non-science college career. The five core areas of Biology covered include: cells as a system, energy transfer, heredity, biological evolution, and ecosystem dynamics. This course will count as a lab science. This course concludes with a state-mandated end-of-course test that counts 20% of a student's final grade.

BIOLOGY I HON*^  
1 Unit  Grades: 10-12  
Prerequisite: Physical Science HON  
Biology is a required course for graduation. This level of Biology is designed for students who are preparing for a science-oriented college career. The five core areas of Biology covered include: cells as a system, energy transfer, heredity, biological evolution, and ecosystem dynamics. This course includes extended knowledge of concepts related to biology topics. This course will count as a lab science. This course concludes with a state-mandated end-of-course test that counts 20% of a student's final grade.

BIOLOGY II HON/PRE-AP*^  
1 Unit  Grades: 10-12  
Prerequisite: Biology I HON, Teacher Recommendation  
Recommended: B or better in Biology I HON, Chemistry I HON completed or taken concurrently  
This course is the first semester of AP Biology. It is a rigorous course for students who excelled in Biology I HON and would like to learn about molecular biology, cell communication, evolution, and ecology at a college level. This course will count as a lab science. Students are not required to continue into AP Biology after this course, but this course is considered the first part of the curriculum for AP Biology.

AP BIOLOGY*^  
1 UNIT  Grades: 10-12  
Prerequisite: Biology II HON, Teacher Recommendation  
Recommended: To continue in AP Biology curriculum, a B or higher in Biology II HON/Pre-AP  
This course is the second half of the AP Biology curriculum. It will add to the knowledge that students gained in Biology II HON and will provide them with the necessary skills and additional content knowledge to prepare them for the AP exam. This course will count as a lab science. Students who sign up to take this course should also sign up for Biology II HON/Pre-AP in the same school year. Students enrolled in an AP course are expected to take the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.

ANATOMY & DISEASE CP*^  
1 Unit  Grades: 10-12  
Prerequisite: Biology I CP or ADV  
This course will cover the concepts of the levels of organization of the human body, mechanisms of disease, and disease prevention. This course will count as lab science.

ANATOMY/PHYSIOLOGY ADV*^  
1 Unit  Grades: 11-12  
Prerequisite: Biology I ADV or HON  
This course is designed to teach the connections between the structure and function of the body systems. This course includes dissection laboratory activities. This course will count as lab science.
ANATOMY/PHYSIOLOGY-COLLEGE STYLE

INSTRUCTION**^  
1 Unit Grades: 11-12  
Prerequisite: Foundations of Algebra, Physical Science or Biology I CP or ADV  
This course is designed for students who are preparing for a non-science college or technical school career. The course focuses on lab techniques and problem-solving, with a strong emphasis on mathematics. This course will count as a lab science.

CHEMISTRY I CP**^  
1 Unit Grades: 10-12  
Prerequisite: Foundations of Algebra, Physical Science or Biology I CP or ADV  
This course is designed for students who are preparing for a four-year, non-science college degree. This course focuses on lab techniques and safety as well as problem-solving skills. This course will count as a lab science.

CHEMISTRY I ADV**^  
1 Unit Grades: 10-12  
Prerequisite: Algebra I, Physical Science ADV or HON  
This course is designed for the student who is preparing for a four-year, non-science college degree. This course focuses on lab techniques and problem-solving, with a strong emphasis on mathematics. This course will count as a lab science.

CHEMISTRY I HON**^  
1 Unit Grades: 10-11  
Prerequisite: Physical Science HON, Algebra I  
Recommended: Completion of Algebra II  
This rigorous course covers the same major topics as Chemistry ADV, but it is more in depth and detailed. For students not in the STEM program, this is a prerequisite for Chemistry II HON/Pre-AP and AP Chemistry. This course will count as a lab science.

ORGANIC CHEMISTRY ADV**^  
1 Unit Grades: 11-12  
Also Known As: Chemistry II ADV  
Prerequisite: Chemistry I ADV or HON  
Students considering fields in medicine and pharmaceuticals are strongly encouraged to take this course. In organic chemistry, students will learn about the structures, properties, and reactions of carbon-based compounds and study their real-world applications in medicine and consumer products. This course will count as a lab science.

CHEMISTRY II HON/Pre-AP**^  
1 Unit Grades: 11-12  
Prerequisite: Chemistry I HON or STEM Biology  
This course is the first semester of AP Chemistry and is beneficial for students pursuing careers in engineering or medicine. The structure of matter, reactions, stoichiometry, solutions, and gases are presented in depth. This course will count as a lab science. Students are not required to continue into AP Chemistry after this course, but this course is considered the first part of the curriculum for AP Chemistry.

AP CHEMISTRY**^  
1 Unit Grades: 11-12  
Prerequisite: Chemistry II HON/Pre-AP  
This course is the second half of the AP Chemistry curriculum. Kinetics, thermodynamics, electrochemistry, and equilibrium will be covered. This course will count as a lab science. Students who sign up to take this course should also sign up for Chemistry II HON/Pre-AP in the same school year. Students enrolled in an AP course are expected to take the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.

PHYSICS I CP**^  
1 Unit Grades: 11-12  
Prerequisite: Algebra I  
This level of Physics is designed for students who are preparing for a community college or technical school. It includes studies in motion, forces, energy conservation, and electricity. This course will also specifically help prepare students for the science section of the ASVAB. This course will count as a lab science.

PHYSICS I ADV**^  
1 Unit Grades: 10-12  
Prerequisite: Algebra I, Geometry  
Recommended: Algebra II completed or taken concurrently  
This level of Physics is designed for the student who is preparing for either a community college/technical school or a four-year college degree. This course involves the study of linear and rotational mechanics, energy, sound, light, electricity, and magnetism. This course will count as a lab science.

PHYSICS I HON /Pre-AP**^  
1 Unit Grades: 11-12  
Prerequisite: Precalculus HON  
This level of Physics is designed for students who are preparing for a math or science-oriented college career. It is an algebra-based physics course structured the same as most introductory college physics courses. It includes the study of linear and rotational mechanics, optics, and electricity. This course will count as a lab science. Students are not required to continue into AP Physics I - Algebra-Based after this course, but this course is considered the first part of the curriculum for AP Physics I - Algebra Based.

AP PHYSICS I - ALGEBRA-BASED**^  
1 Unit Grades: 11-12  
Prerequisite: Physics I HON, Teacher Recommendation  
This course is the second half of the entire AP Physics I curriculum, an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activities, and hands-on, inquiry-based laboratory work exploring concepts such as systems, fields, force interactions, change, conservation, and waves. This course will count as a lab science. Students who sign up to take this course should also sign up for Physics I HON /Pre-AP in the same school year. Students enrolled in an AP course are expected to take
the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.

**AP ENVIRONMENTAL SCIENCE**^*  
1 Unit  Grades: 11-12  
Prerequisite: Biology HON, Chemistry HON, Algebra II HON, Teacher Recommendation  
This is a multi-disciplinary course that explores scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Students will identify and analyze natural and human-induced environmental problems, assess the risks associated with these problems, and evaluate alternative solutions for resolving/preventing them. This course will count as a lab science. Students enrolled in an AP course are expected to take the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.

--- **SCIENCE ELECTIVES** ---

**STEM - FOUNDATIONS**  
1 Unit  Grade: 9  
Prerequisite: Admission into the STEM program  
This is a required introductory course for all STEM program students. This class will allow students to explore basic principles of physics while incorporating the latest technologies for gathering and analyzing data. Students will learn basic laboratory and computer skills necessary for scientific research. Students will have an opportunity to develop and present their own research projects, through which they will enhance their writing and presentation skills. Expertise gained in this course will serve as a foundation for all future STEM classes. This course will not count as a graduation requirement science or a lab science, but it is a prerequisite for STEM Science courses.

**ASTRONOMY ADV**  
1 Unit  Grades: 10-12  
Prerequisite: None  
Required: Student must provide their own transportation  
This course introduces students to the structure of the universe and will provide them with a study of the conditions, properties, and motions of bodies in space. The content includes historical astronomy, astronomical instruments, the celestial sphere, the solar system, the earth as a system in space, the earth/moon system, the sun as a star, and stars. This is a hybrid course where students will have 2-3 class meetings per week and complete other work outside of class, including night-time observations. Finally, this is an early bird class that will begin at 7:00 a.m. Students will have to provide their own transportation to the Lincoln Science Center on the campus of Fairforest Middle School. If transportation is needed, please contact Dr. Scott Taylor at taylorvs@spart6.org. Qualified students may contract with the instructor to receive Honors weighting for this course.

--- **SOCIAL STUDIES** ---

Students need 1 US History credit, ½ Government credit, ½ Economics credit, and 1 Other Social Studies credit to earn a diploma.

Dorman courses that will satisfy the graduation requirement for Other Social Studies are marked with an *. These courses include:
- Contemporary Issues
- Civics
- AP European History
- World Geography
- Law Education
- World History
- AP Human Geography
- Psychology (incl. PSYCH 101 - Dual Enrollment)
- Sociology

Placement in Social Studies courses is determined by a combination of factors: completion of prerequisite courses, teacher recommendations, grades, and test scores. Placement methods vary by grade and course level. A parent conference is required before a recommended placement or level can be changed.

--- **US HISTORY COURSES** ---

**US HISTORY CP**  
1 Unit  Grades: 11-12  
Prerequisite: None; Level will match English Course  
US History is a required course for graduation. This level of US History is a general survey course that provides an introduction to the history of the United States. Its focus is on the U.S. Constitution, major themes, events, and people that have shaped our nation’s history. This course concludes with a state-mandated end-of-course test that counts 20% of a student’s final grade.

**US HISTORY ADV**  
1 Unit  Grades: 11-12  
Prerequisite: None; Level will match English Course  
US History is a required course for graduation. This level of US History is an in-depth survey course that provides an introduction to the history of the United States. Its focus is on the U.S. Constitution, major themes, events, and people that have shaped our nation’s history. This course concludes with a state-mandated end-of-course test that counts 20% of a student’s final grade.

**US HISTORY HON**  
1 Unit  Grades: 11-12  
Prerequisite: None; Level will match English Course  
US History is a required course for graduation. This level of US History is an in-depth study of the impact and implications of decisions made throughout the history of our country. Although this is a survey course, a rigorous program of reading, research, and writing of historical topics will be required. This course concludes with a state-mandated end-of-course test that counts 20% of a student’s final grade.
US HISTORY PRE-AP/HON
1 Unit Grades: 11-12
Prerequisite: US History Pre-AP/HON
US History is a required course for graduation. This level of US History is the first semester of AP US History. It is a complete survey of American history from 1607 to the Reconstruction Era, with a stress on causation and the significance of historical changes. Political, social, and economic aspects of American history are studied through in-depth readings of primary and secondary sources. Daily reading assignments and frequent essay writing is required. Students who take this course must also register for US History. Completion of both courses is required to satisfy the state requirement for US History needed for graduation.

AP US HISTORY
1 Unit Grades: 11-12
Prerequisite: US History Pre-AP/HON
This course is the second half of the AP US History curriculum. It provides students with the factual knowledge and analytic/interpretive skills necessary to deal critically with problems and content of US history from 1865-present. The course prepares students for intermediate and advanced college courses in history and social sciences. Students assess historical materials (their relevance to given interpretive problems, reliability, and significance) and evaluate evidence and interpretations presented in historical scholarship. Students in this course should possess mature reading and writing skills, a strong commitment to academics, and high aptitude in reading and the humanities. Students who take this course must also register for US History Pre-AP/HON. Completion of both courses is required to satisfy the state graduation requirement for US History. This course concludes with a state-mandated end-of-course test that counts 20% of a student's final grade. Students enrolled in an AP course are expected to take the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.

GOVERNMENT COURSES –

GOVERNMENT CP
1/2 Unit Grades: 11-12
Prerequisite: None; Level will match English Course
Government is a required course for graduation. This level of Government is a general overview of the legislative, executive, and judicial branches of the national and state governments. It covers the basic foundation of American democracy and uses common vocabulary as an integral part of this course. Students will prepare for a life-long career as a voting U.S. citizen. This is a nine-weeks course. It is typically paired with Economics CP.

GOVERNMENT HON
1/2 Unit Grades: 11-12
Prerequisite: None; Level will match English Course
Government is a required course for graduation. This level of Government is a comprehensive introduction to political concepts and provides students with knowledge and skills they need to understand and participate wisely in the American political system. This course examines basic political theory and governmental systems, American political development theory, constitutional basis/structure of American government, and citizen involvement in the political system. Additional outside reading is required as well as watching and discussing current political events. This course includes a major culminating project. This is a nine-weeks course. It is typically paired with Economics HON.

AP US GOVERNMENT AND POLITICS
1 Unit Grades: 11-12
Prerequisite: HON or AP Social Studies or Teacher Recommendation
Government is a required course for graduation. This level of Government introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize political culture in the United States. Students examine politically significant concepts and themes, through which they learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop evidence-based arguments. Students enrolled in an AP course are expected to take the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.

ECONOMICS COURSES –

ECONOMICS CP
1/2 Unit Grades: 11-12
Prerequisite: None; Level will match English Course
Economics is a required course for graduation. This level of Economics teaches students how to evaluate choices using data to analyze, interpret and predict behavior of individuals and institutions based on incentives. This course covers basic foundations of microeconomics and macroeconomics and emphasizes personal finance decision-making. This is a nine-weeks course. It is typically paired with Government CP.

ECONOMICS HON
1/2 Unit Grades: 11-12
Prerequisite: HON or AP Social Studies or Teacher Recommendation
Economics is a required course for graduation. This level of Economics seeks to teach students a deep understanding of scarcity and how to evaluate choices using data to analyze, interpret, and predict the behavior of individuals and institutions based upon incentives. Students will learn to use vocabulary specific to economics to explain, describe, and predict how the interaction of supply and demand sets prices for goods and services in product markets and wage prices in factor markets. There will be a heavy emphasis on personal finances and companies/businesses. This is a nine-weeks course. It is typically paired with Government HON.

AP MICROECONOMICS
1 Unit Grades: 11-12
Prerequisite: HON or AP Social Studies or Teacher Recommendation
Economics is a required course for graduation. This level of Economics focuses on microeconomics. It is designed to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater
efficiency and equity in the economy. Students enrolled in an AP course are expected to take the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.

— OTHER SOCIAL STUDIES COURSES —

CONTEMPORARY ISSUES A/B*

1/2 Unit for A, 1/2 Unit for B  Grades: 10-12
Contemporary Issues B also available to 9th grade
Prerequisite: None
This introductory course familiarizes students with the history, institutions, and challenges of modern society. Students identify and analyze current world, national, and local happenings, and how they relate to and affect American society. Discussions about current events are common in this course. Each section of this course (A & B) lasts one nine-weeks term. Students at the 10th-12th grade campus can choose to take one or both sections of this course. Students at Dorman Freshman Campus can only take Contemporary Issues B; there, this course is typically paired with World Geography. This course will count toward the Other Social Studies graduation requirement.

CIVICS*

1 Unit  Grade: 9
Prerequisite: None
This course is designed to teach students the meaning of citizenship. Studies include US citizenship rights, civic duties and responsibilities, contributing to the common good, voting and elections, the American legal and economic systems, and roles of local and state governments. There will also be a brief survey of the branches of government and the Constitution. Civics taught at Dorman Freshman Campus is taught as a whole-unit, semester-long course. (Civics taught at the 10th-12th grade campus is divided into two half-unit, nine-weeks-long sections.) This course will count toward the Other Social Studies graduation requirement.

CIVICS A/B*

1/2 Unit for A, 1/2 Unit for B  Grades: 10-12
Prerequisite: None
This course is designed to teach students the meaning of citizenship. Studies will include US citizenship rights, civic duties and responsibilities, contributing to the common good, voting and elections, the American legal and economic systems, and roles of local and state governments. There will also be a brief survey of the branches of government and the Constitution. Each section of this course (A & B) lasts one nine-weeks term. Students can choose to take one or both sections of this course. This course will count toward the Other Social Studies graduation requirement.

AP EUROPEAN HISTORY*

1 Unit  Grades: 10-12
Prerequisite: HON or AP Social Studies or Teacher Recommendation
This course consists of an intense and thorough study of European civilization from 1450 to the present, including major movements, problems, and crises. It is a college-level course that uses lectures, class discussions, independent studies, readings from primary/secondary sources, and timed writings. This course will count for the Other Social Studies graduation requirement. Students enrolled in an AP course are expected to take the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.

AP HUMAN GEOGRAPHY*

1 Unit  Grades: 9-12
Prerequisite: HON or AP Social Studies or Teacher Recommendation
Geography can be divided into either physical or human geography. Physical geography is the study of how nature shapes the environment. Human geography is the study of how humans shape the earth's landscape. With that in mind, this course analyzes the roles that population, migration, religion, language, ethnicity, urbanization, and economic development play as humans shape earth's landscape. This course will count for the Other Social Studies graduation requirement. Students enrolled in an AP course are expected to take the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.

LAW EDUCATION A/B*

1/2 Unit for A, 1/2 Unit for B  Grades: 10-12
Prerequisite: None
This course is designed for any student who has an interest in any legal or law-related career. It includes an overview of laws and values, human rights, lawmaking, advocacy, the court system, the role of lawyers and an introduction to criminal law. It also contains studies in the criminal justice process, including investigation, trial proceedings, sentencing, and corrections. Each section of this course (A & B) lasts one nine-weeks term. Students can choose to take one or both sections of this course. This course will count toward the Other Social Studies graduation requirement.

LAW EDUCATION HON*

1 Unit  Grades: 10-12
Prerequisite: None; Level will match English course
This fast-paced, rigorous, and writing-intensive course is designed for students who have an interest in a professional legal or law-related career. It provides a general overview of the structure and operation of the federal and state court systems, civil and criminal law, state and federal law enforcement agencies, aspects of law that will impact individuals, and the criminal justice process. Students will receive an introduction to the fundamentals of the trial process and will participate in moot and mock trial simulations in class that will require public speaking. Additionally, there will be many guest speakers from the community encompassing a variety of legal disciplines. This course will count for the Other Social Studies graduation requirement.

PSYCHOLOGY CP*

1 Unit  Grades: 11-12
Prerequisite: None; Level will match English Course
This basic survey course in introductory psychology provides an examination of normal human behavior through such phenomena as classical and operant conditioning, positive and negative reinforcement, the measurement of intellectual ability, and the general developmental areas—motor,
language, emotional, social, and personality. The course also examines family relationships, behavior disorders, and social problems. This course will count for the Other Social Studies graduation requirement.

PSYCHOLOGY ADV*
1 Unit Grades: 11-12
Prerequisite: None; Level will match English Course
This advanced survey course in introductory psychology provides an examination of normal human behavior through such phenomena as classical and operant conditioning, positive and negative reinforcement, the measurement of intellectual ability, and the general developmental areas—motor, language, emotional, and social, and personality. The course also examines family relationships, behavior disorders, and social problems. This course will count for the Other Social Studies graduation requirement.

AP PSYCHOLOGY*
1 Unit Grades: 11-12
Prerequisite: HON or AP Social Studies or HON or ADV English or Teacher Recommendation
This course is a rigorous, intense study of psychology, including topics such as personality theory, psychological disturbances, human development, and principles of learning. This course will count for the Other Social Studies graduation requirement. Students enrolled in an AP course are expected to take the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.

SOCIOLOGY*
1 Unit Grades: 10-12
Prerequisite: None
This course is designed for students who are interested in how we are molded into unique individuals by the society in which we live and the groups to which we belong. It is an introduction to the science of sociology through the study of contemporary society. Topics include social structure, social relationships, and social organization. This course will count for the Other Social Studies graduation requirement.

WORLD GEOGRAPHY*
1/2 Unit Grade: 9
Prerequisite: None
This course is designed for students who have an interest in the geographical aspect of social studies. Students will apply major themes of geography to countries and regions of the world while gathering information about their history and the physical and human geography. Students will keep up to date with world events and how they affect our interdependent world. This course is typically paired with Contemporary Issues B. This course will count for the Other Social Studies graduation requirement.

WORLD HISTORY I ADV*
1 Unit Grade: 9
Prerequisite: None; Level will match English Course
This course is a survey of the history of the world, from the Ancient River Civilizations and ending with the Medieval Period. Students will study the contributions of the early civilizations to the modern world. This course of study will include the social, political, geographical, and economical changes of Africa, Asia, Europe, and the Americas. This course will count for the Other Social Studies graduation requirement.

WORLD HISTORY I HON*
1 Unit Grade: 9
Prerequisite: None; Level will match English Course
This course is an in-depth study of the history of the world, beginning with the Ancient River Civilizations and ending with the Medieval Period. Students will understand the contributions of the early civilizations to the modern world. This course of study will include the social, political, geographical, and economical changes of Africa, Asia, Europe, and the Americas. This level course involves in-depth research and ancillary readings and is designed to prepare students for AP-level courses in history and social sciences. This course will count for the Other Social Studies graduation requirement.

WORLD HISTORY II HON*
1 Unit Grade: 10
Prerequisite: None; Level will match English Course
This rigorous course is designed to offer tenth-grade students an in-depth look at the history of the world since A.D. 1500, including studies of the geography of the earth and the influence of geography on human systems of the world, the functions and evolution of government, and the economic principles of this time period. This fast-paced course involves a lot of research and ancillary readings. This course will count for the Other Social Studies graduation requirement.

AP WORLD HISTORY*
1 Unit Grades: 10-12
Prerequisite: HON or AP Social Studies or Teacher Recommendation
AP World History consists of a survey study of human history from prehistory to present. It is a college-level course in which students develop a greater understanding of the evolution of global processes and contact including interactions over time. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. This course will count for the Other Social Studies graduation requirement. Students enrolled in an AP course are expected to take the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.

AP ART HISTORY
1 Unit Grades: 10-12
Prerequisite: English ADV or HON or Teacher Recommendation
This course introduces students to major movements and periods in art history from pre-civilization to the present. Coursework includes extensive writing and research, slide lecture, presentations, and visits to local museums. This course will count as a Fine Arts credit. Students enrolled in an AP course are expected to take the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.
Students need 1 World Language or Occupational credit to earn a diploma.

Dorman courses that will satisfy the graduation requirement for World Language are marked with an *. These courses include:
- All Levels of French
- All Levels of German
- All Levels of Spanish

For entrance to four-year college programs, students typically need 2 World Language credits of the same language. Check with prospective colleges to ensure admissions requirements and recommendations.

All World Language courses are taught using the Five C's of World Language - Communication, Culture, Comparisons, Connections, and Communities.

Placement in World Language courses is determined by a combination of factors: completion of prerequisite courses, teacher recommendations, grades, and test scores. Placement methods vary by grade and course level. A parent conference is required before a recommended placement or level can be changed.

--- FRENCH COURSES ---

**FRENCH I ADV***
1 Unit Grades: 10-12
Prerequisite: None
French I ADV is an introductory course to the French language and culture. It is intended to build vocabulary and develop oral, written, and speaking skills.

**FRENCH I HON***
1 Unit Grades: 9-12
Prerequisite: Enrollment in English HON or Teacher Recommendation
French I HON is an intense introductory course to the French language and culture. Studies are conducted at an advanced pace to build vocabulary and develop oral, written, and speaking skills needed for upper-level French courses.

**FRENCH II ADV***
1 Unit Grades: 10-12
Prerequisite: French I ADV or HON
French II ADV concentrates on sharpening the communicative skills acquired in French I ADV. Vocabulary expansion is stressed and an appreciation of cultural differences is built through the exploration of French-speaking countries.

**FRENCH II HON***
1 Unit Grades: 10-12
Prerequisite: French I HON
French II HON concentrates on sharpening the communicative skills acquired in French I HON. Vocabulary expansion is stressed and an appreciation of cultural differences is built through the exploration of French-speaking countries.

--- GERMAN COURSES ---

**GERMAN I ADV***
1 Unit Grades: 10-12
Prerequisite: None
German I ADV is an introductory course to the German language and culture. It is intended to build vocabulary and develop oral, written, and speaking skills.

**GERMAN I HON***
1 Unit Grades: 10-12
Prerequisite: Enrollment in English HON or Teacher Recommendation
German I HON is an intense introductory course to the German language and culture. Studies are conducted at an advanced pace to build vocabulary and develop oral, written, and speaking skills needed for upper-level German courses.

**GERMAN II ADV***
1 Unit Grades: 10-12
Prerequisite: German I ADV or HON
German II ADV concentrates on sharpening the communicative skills acquired in German I ADV. Vocabulary expansion is stressed and an appreciation of cultural differences is built through the exploration of German-speaking countries.

**GERMAN II HON***
1 Unit Grades: 10-12
Prerequisite: German I HON
German II HON concentrates on sharpening the communicative skills acquired in German I HON at an advanced pace. Vocabulary expansion is stressed and an appreciation of cultural differences is built through the exploration of German-speaking countries.
GERMAN III ADV*
1 Unit  Grades: 10-12
Prerequisite: German II ADV or HON, Teacher Recommendation
Recommended: B or higher in German II
This course is for students who would like to continue their study of German and expand their oral, written, listening, and reading skills in the language.

GERMAN III HON*
1 Unit  Grades: 10-12
Prerequisite: German II HON
Recommended: B or higher in German II HON
This course is for students who would like to continue their advanced study of German language and culture and expand their oral, written, listening, and reading skills in the language.

GERMAN IV HON*
1 Unit  Grades: 11-12
Prerequisite: German III HON, Teacher Recommendation
Recommended: B or higher in German III HON
This class is a synthesis of the acquired skills and further development of oral, listening, written and reading abilities in the German language. Students are expected to use the language each day in class.

SPANISH COURSES –

SPANISH I ADV*
1 Unit  Grades: 10-12
Prerequisite: None
Spanish I ADV is an introductory course to the Spanish language and culture. It is intended to build vocabulary and develop oral, written, and speaking skills.

SPANISH I HON*
1 Unit  Grades: 9-12
Prerequisite: Enrollment in English HON or Teacher Recommendation
Spanish I HON is an intense introductory course to the Spanish language and culture. Studies are conducted at an advanced pace to build vocabulary and develop oral, written, and speaking skills needed for upper-level Spanish courses.

SPANISH FOR THE HERITAGE SPEAKER I*
1 Unit  Grades: 10-12
Prerequisite: Home language classified as Spanish
Spanish for the Heritage Speaker I is an introductory course to the Spanish language and culture specifically for heritage speakers of Spanish. Studies are conducted at an advanced pace to develop oral, written, and speaking skills that are needed for upper-level Spanish courses, with an additional emphasis on grammar, reading, and composition.

SPANISH II ADV*
1 Unit  Grades: 10-12
Prerequisite: Spanish I ADV or HON
Spanish II ADV concentrates on sharpening the communicative skills acquired in Spanish I ADV. Vocabulary expansion is stressed and an appreciation of cultural differences is built through the exploration of Spanish-speaking countries.

SPANISH II HON*
1 Unit  Grades: 10-12
Prerequisite: Spanish I HON
Spanish II HON concentrates on sharpening the communicative skills acquired in Spanish I HON at an advanced pace. Vocabulary expansion is stressed and an appreciation of cultural differences is built through the exploration of Spanish-speaking countries.

SPANISH FOR THE HERITAGE SPEAKER II*
1 Unit  Grades: 10-12
Prerequisite: Home language classified as Spanish, Completion of Spanish I ADV, HON, or Heritage Spanish for the Heritage Speaker II expands skills acquired in Level I. Studies are conducted at an advanced pace to develop oral, written, and speaking skills that are needed for upper-level Spanish courses, with an additional emphasis on grammar, reading, and composition.

SPANISH III ADV*
1 Unit  Grades: 10-12
Prerequisite: Spanish II ADV or HON, Teacher Recommendation
Recommended: B or higher in Spanish II
This course is for students who would like to continue their study of Spanish and expand their oral, written, listening, and reading skills in the language.

SPANISH III HON*
1 Unit  Grades: 10-12
Prerequisite: Spanish II HON
Recommended: B or higher in Spanish II HON
This course is for students who would like to continue their advanced study of Spanish language and culture and expand their oral, written, listening, and reading skills in the language. This course will begin to prepare students for the AP-level of Spanish language studies.

SPANISH IV HON*
1 Unit  Grades: 11-12
Prerequisite: Spanish III HON, Teacher Recommendation
Recommended: B or higher in Spanish III HON
This class is a synthesis of the acquired skills and further development of oral, listening, written and reading abilities in the Spanish language. Students are expected to use the language each day in class. This course will continue to prepare students for the AP-level of Spanish language.

AP SPANISH LANGUAGE AND CULTURE*
1 Unit  Grade: 12
Prerequisite: Spanish IV HON, Teacher Recommendation
This intensive preparation course is an in-depth review of the skills previously acquired in Spanish language courses. Authentic materials are utilized to enhance vocabulary and communicative skills. Students are expected to use the language for the majority of each day in class. Students enrolled in an AP course are expected to take the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.
Students need 1 Computer Science credit to earn a diploma.

Dorman courses that will satisfy the graduation requirement for Computer Science are marked with an *. These courses include:
- Fundamentals of Computing
- Fundamentals of Web Page Design and Development
- Advanced Web Page Design and Development
- AP Computer Science Principles
- Game Design and Development
- PLTW Principles of Engineering
- Web Design I (RDA Course)

Placement in Computer Science courses is determined by a combination of completion of prerequisite courses and teacher recommendations. Placement methods vary by course level. A parent conference is required before a recommended placement or level can be changed.

FUNDAMENTALS OF COMPUTING*
1 Unit Grades: 9-12
Prerequisite: None
This course introduces students to the field of computer science. Students will learn the history and operation of computers, programming, and web design. Creativity, innovation, critical thinking and problem solving skills will be used to implement relevant projects. Computing careers, societal and ethical issues of computing will be studied. This course will count for the Computer Science graduation requirement.

FUNDAMENTALS OF WEB PAGE DESIGN AND DEVELOPMENT*
1 Unit Grades: 10-12
Prerequisite: None
Equivalent Course: Web Design I (RDA Course)
This course introduces students to basic web design using HTML (Hypertext Markup Language), CSS (Cascading Style Sheets) and Dreamweaver. Students are introduced to planning and designing effective web pages, creating/coding webpages, enhancing web pages with the use of page layout techniques, text formatting, graphics, images, and multimedia, and producing a functional, multi-page website. This course will count for the Computer Science graduation requirement. This course is also offered at R. D. Anderson Technology Center under the course title "Web Design I."

ADVANCED WEB PAGE DESIGN AND DEVELOPMENT*
1 Unit Grades: 10-12
Prerequisite: Fundamentals of Web Page Design and Development or Web Design I (RDA Course)
This second-level course builds on the skills acquired in Fundamentals of Web Page Design and Development (or Web Design I) as students add to their knowledge of HTML, CSS and Dreamweaver. JavaScript will be introduced as a web tool. Students will showcase their work by creating an e-portfolio. Successful completion of this course will prepare students for industry certification should they desire. This course will count for the Computer Science graduation requirement.

AP COMPUTER SCIENCE PRINCIPLES*
1 Unit Grades: 10-12
Prerequisite: Algebra II ADV or HON
This course introduces students to the foundational concepts of computer science. Students cultivate their understanding through working with data, collaborating to solve problems, and developing computer programs as they explore concepts like creativity, abstraction, data and information, algorithms, programming, the internet, and the global impact of computing. This course will count for the Computer Science graduation requirement. Students enrolled in an AP course are expected to take the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.

GAME DESIGN AND DEVELOPMENT*
1 Unit Grades: 10-12
Prerequisite: Geometry HON or Algebra II ADV
This course covers basic principles of computer science, game design, and programming concepts, such as variables, conditionals, loops, and arrays. Students analyze the impact of computers on our world and are introduced to programming by completing fun yet rigorous game design projects. Students learn to plan, design, code, and test software by building two-dimensional (2-D) games. This course will count for the Computer Science graduation requirement.

ACCOUNTING I
1 Unit Grades: 10-12
Prerequisite: Algebra I (or Foundations of Algebra and Intermediate Algebra)
This course introduces students to the study of Accounting. Students will learn the basics of accounting, including creating/understanding financial statements, analyzing daily business receipts, and making business decisions based on numbers. This math-based course also gives students an insight into careers in accounting.
ACCOUNTING II
1 Unit  Grades: 11-12
Prerequisite: Accounting I
This course expands students' understanding of accounting subsystems and develops an understanding of internal control procedures. Students develop competence in using subsidiary ledgers, preparing financial statements, and performing end-of-period procedures. Students use computer simulations to demonstrate accounting procedures.

PERSONAL FINANCE
1 Unit  Grades: 9-12
Prerequisite: None
This course introduces students to basic, life-applicable skills such as budgeting money, computing wages, opening bank accounts, and credit management. Students will also gain an understanding of purchasing and protecting valuable assets such as homes and vehicles.

FUNDAMENTALS OF BUSINESS, MARKETING, AND FINANCE
1 Unit  Grades: 10-12
Prerequisite: None
This course introduces students to careers in business, marketing, and finance. Students gain a basic understanding of business operations and management, the marketing and selling of products, and the management of business and personal finances.

BUSINESS FINANCE
1 Unit  Grades: 10-12
Prerequisite: Accounting I
This course introduces students to the exciting world of business finance. Students will learn how to evaluate businesses as good investments, understand the financial environment, management planning, long- and short-term financing options, consumer credit, and other business topics.

BUSINESS PRINCIPLES AND MANAGEMENT
1 Unit  Grades: 10-12
Prerequisite: None
This course introduces students to all aspects of business management. Students will learn basics in accounting, finance, marketing, and human resources management. Students are able to create a business plan and conduct business in both online and real-world situations. Other topics include ethical responsibilities, personnel, safety, and careers available to business majors.

FAMILY AND CONSUMER SCIENCE

Students need 1 Occupational or World Language credit to earn a diploma. Family and Consumer Science courses are in the Occupational Category.

Dorman courses that will satisfy the graduation requirement for Occupational are marked with an *.

These courses include:
- Family and Consumer Sciences I
- Interior Design I
- Fashion Design & Apparel Construction I & II
- Foods and Nutrition I
- Sports Nutrition I
- Child Development I & II
- Human Development
- ECDF 201 & EDFO 333 (Dual Enrollment)

All Family and Consumer Science courses integrate Family, Career, and Community Leaders of America (FCCLA) standards to enhance learning.

Placement in Family and Consumer Science courses is determined by a combination of completion of prerequisite courses and teacher recommendations. Placement methods vary by course level. A parent conference is required before a recommended placement or level can be changed.

FAMILY AND CONSUMER SCIENCES I*
1 Unit  Grade: 9
Prerequisite: None
This is an introduction to core knowledge and skills for life management. Students utilize higher-order thinking, communication, and leadership skills that will impact family and community through project-based instruction. Concepts include interpersonal relationships, careers, community and family connections, nutrition and wellness, parenting, and housing.

INTERIOR DESIGN I*
1 Unit  Grades: 10-12
Prerequisite: None
This is a study of interior planning with an emphasis on the basics of design. Students develop a global view and weigh decisions within the parameters of ecological, socioeconomic, and cultural contexts, all while learning about career paths, design, products, materials, and professionalism through various hands-on experiences.

FASHION DESIGN & APPAREL CONSTRUCTION I*
1 Unit  Grades: 10-12
Prerequisite: None
This is a study in the basics of selection, purchase, design, care, and construction of textile products. Students develop critical-thinking skills needed to make wise consumer choices and career decisions.

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FASHION DESIGN & APPAREL CONSTRUCTION II*
1 Unit Grades: 10-12
Prerequisite: Fashion Design & Apparel Construction I
This is a continuation in the studies of textile products. Students enhance their skills regarding consumer choices and career decisions in the world of fashion, fabric, and design.

FOODS & NUTRITION I*
1 Unit Grades: 10-12
Prerequisite: None
This course investigates the principles of food science, food preparation, and nutrition.

SPORTS NUTRITION I*
1 Unit Grades: 10-12
Prerequisite: None
This course explores relationships among nutrition, performance, and overall wellness for the general population. Students learn how to choose nutritious foods for healthy lifestyles, peak performance, and disease prevention.

CHILD DEVELOPMENT I*
1 Unit Grades: 10-12
Prerequisite: None
This course explores the physical, cognitive, social, and emotional development of young children. Students acquire knowledge and skills essential to the guidance and care of children and discover the environment that promotes optimal development.

CHILD DEVELOPMENT II*
1 Unit Grades: 11-12
Prerequisite: Child Development I
This course continues to explore and assess the physical, cognitive, social, and emotional development of young children. Students enhance knowledge and skills essential to the guidance and care of children and optimal environments for development. Students also participate in volunteer hours working directly with children of various ages.

HUMAN DEVELOPMENT*
1 Unit Grades: 10-12
Prerequisite: None
This course seeks to understand human growth, development, and interactions through topics like interpersonal relationships, family life education, pregnancy and parenthood, adolescent development, and emotional maturation.

~ FINE ARTS ~
Students need 7 Elective credits to earn a diploma.
All Fine Arts courses will go toward satisfying the graduation requirement for Electives.
For entrance to four-year college programs, students need 1 Fine Arts credit. All Fine Arts courses will go toward satisfying this requirement.
Placement in Fine Arts courses is determined by a combination of auditions, portfolios, completion of prerequisite courses, and teacher recommendations. Placement methods vary by grade, course level, and course type. A parent conference is required before a recommended placement or level can be changed.

~ ART APPRECIATION COURSES ~
FINE ARTS APPRECIATION ADV
1 Unit Grade: 9
Prerequisite: English ADV or HON
This advanced course studies the various arts disciplines (music, theatre, visual arts, dance, and film). Students will be required to engage in daily discussion and written expression on various subjects including history, expression, and design in these disciplines. This course is perfect for the student who may not be artistically or musically inclined but needs a fine arts credit for acceptance into a public, four-year college.

AP ART HISTORY
1 Unit Grades: 10-12
Prerequisite: English ADV or HON or Teacher Recommendation
This course introduces students to major movements and periods in art history from pre-civilization to the present. Coursework includes extensive writing and research, slide lecture, presentations, and visits to local museums. This course will count as a Fine Arts credit. Students enrolled in an AP course are expected to take the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.

~ MEDIA ARTS COURSES ~
MEDIA ARTS
1 Unit Grade: 9
Prerequisite: Application with English Teacher Recommendation
This is a class for students who have an interest in the fun-filled and fast-paced world of television. While working on the school’s news crew, students will learn how to write copy, edit film, work all equipment, and anchor the school’s bi-weekly news show. Students are required to be both on air and work behind the scenes throughout the course. This course will require additional meetings after school hours.
— VISUAL ARTS COURSES —

ART I VISIONS
1 Unit  Grade: 9
Prerequisite: Middle School GT Visions Portfolio/Interview Screening
Required: $30 Supply Fee
This course is designed for students in the Gifted/Talented (GT) Art program. Studies cover the fundamentals of drawing, painting, printmaking, collage, and sculpture. This course serves as a prerequisite to all Art II courses.

ART I: INTRO TO 3-D DESIGN
1 Unit  Grade: 9
Prerequisite: None
Required: $30 Supply Fee
This course is for students who have an interest in three-dimensional art and design. Students will learn to draw 2D designs for 3D models as well as construct realistic and abstract sculptural forms using a variety of materials including clay, plaster, paper, wood, and cardboard. This course serves as a prerequisite to all Art II courses.

ART: DESIGN PRINCIPLES
1 Unit  Grades: 9-12
Prerequisite: None
Required: $30 Supply Fee
This is an introductory course for students interested in developing basic art knowledge and skills. No prior experience in Art is required for this course. Students are introduced to a variety of art forms, including drawing, painting, printmaking, collage, and sculpture. This course serves as a prerequisite to all Art II courses.

ART I
1 Unit  Grades: 9-12
Prerequisite: None
Required: $30 Supply Fee
This art course is designed for students with a strong desire to further their art knowledge and skills by focusing on the fundamentals of art. Drawing, painting, printmaking, collage and sculpture are the major art forms covered in this course. This course serves as a prerequisite to all Art II courses.

ART II: DRAWING
1 Unit  Grades: 10-12
Prerequisite: B or higher in Art I, Art I: Intro to 3-D Design, or Art: Design Principles
Required: $30 Supply Fee
This course is designed for art students interested in the techniques and processes in the field of drawing, including graphite, charcoal, color pencil, pen and ink, pastel, etc. Students will enhance personal ideas for their work, develop drawing skills, and maintain a sketchbook. Work created in this class can help students build a high school art portfolio. Qualified students may contract with their Art teacher to receive Honors weighting for this course.

ART II: MIXED MEDIA
1 Unit  Grades: 10-12
Prerequisite: B or higher in Art I, Art I: Intro to 3-D Design, or Art: Design Principles
Required: $30 Supply Fee
This course is for art students who want to enhance creativity and technical art skills through mixed media approaches to making art. The course explores the combination of art-making processes such as collage, printmaking, and photo transfer with traditional drawing and painting media. Work created in this class can help students build a high school art portfolio. Qualified students may contract with their Art teacher to receive Honors weighting for this course.

ART II: PAINTING
1 Unit  Grades: 10-12
Prerequisite: B or higher in Art I, Art I: Intro to 3-D Design, or Art: Design Principles
Required: $30 Supply Fee
This course is designed to introduce students to a variety of painting techniques, including watercolor, ink, acrylic, batik, and oil-based paints. Students have the opportunity to work in a studio setting on projects designed to explore personal ideas and creative concepts. Work created in this class can help students build a high school art portfolio. Qualified students may contract with their Art teacher to receive Honors weighting for this course.

ART II: SCULPTURE
1 Unit  Grades: 10-12
Prerequisite: B or higher in Art II: Sculpture, Art Design, or Art: Design Principles
Required: $30 Supply Fee
This is a specialized course for art students interested in the three-dimensional area of art-making. Students explore the sculptural techniques of casting, carving, construction, and assemblage using media such as wire, reed, clay, paper, and found objects. Students maintain a sculpture notebook and have written tests on vocabulary and technique. Work created in this class can help students build a high school art portfolio. Qualified students may contract with their Art teacher to receive Honors weighting for this course.

ADVANCED SCULPTURE
1 Unit  Grades: 11-12
Prerequisite: B or higher in Art II: Sculpture, Art Design, or Art: Design Principles
Teacher Recommendation, Portfolio Review
Required: $30 Supply Fee
This course is designed for students interested in an advanced exploration of three-dimensional art. Students expand upon their prior experience in sculpture to develop technical and conceptual knowledge and skills of three-dimensional art making. This course prepares students who might be candidates for AP Studio Art: 3-D Design. Work created in this class can help students build a high school art portfolio. Qualified students may contract with their Art teacher to receive Honors weighting for this course.

ADVANCED PAINTING
1 Unit  Grades: 11-12
Prerequisite: B or higher in Art II: Painting, Art Design, or Art: Design Principles
Teacher Recommendation, Portfolio Review
Required: $30 Supply Fee
This is an advanced study of the painting techniques and concepts introduced in Art II: Painting. Students will use a variety of painting techniques and media, including an exploration of paint application methods, large-scale works, and alternative surfaces to develop knowledge of color theory and composition. Work created in this class can help students build a high school art portfolio. Qualified students may contract with their Art teacher to receive Honors weighting for this course.
ART III
1 Unit Grades: 11-12
Prerequisite: B or higher in Art II (Drawing, Mixed Media, Painting, or Sculpture), Art Teacher Recommendation, Portfolio Review
Required: $30 Supply Fee
Art III challenges students to use creativity, technical skills, and critical thinking to solve a variety of visual art assignments. Students focus on developing problem-solving and decision-making skills with art media choices in drawing, painting, and mixed media. This course prepares students who might be candidates for AP Studio Art 2-D Design and/or Drawing. Work created in this class can help students build a high school art portfolio. Qualified students may contract with their Art teacher to receive Honors weighting for this course.

ART IV HON/PRE-AP
1 Unit Grades: 11-12
Prerequisite: B or higher in Art III or Advanced Painting, Art Teacher Recommendation, Portfolio Review
Required: $30 Supply Fee
Students in Art IV HON/Pre-AP will draw upon their previous experiences in art to expand their technical and conceptual skills. This course will begin work on constructing a student's portfolio that can be used for the AP 2-D or Drawing Exam. Students are not required to continue into either AP Studio Art: 2-D Design or AP Studio Art: Drawing after this course, but this course is considered the first part of the curriculum for those courses. For this reason, this course is only scheduled in the Fall semester.

AP STUDIO ART: 2-D DESIGN
1 Unit Grades: 11-12
Prerequisite: B or higher in Art IV, Art Teacher Recommendation, Portfolio Review and Interview
Required: $30 Supply Fee
In this course, students create and develop an original thematic body of artworks based on the student's interest in a particular visual and conceptual creative idea. Students will complete the Sustained Investigation section (comprised of 15 quality works) of the AP portfolio that was begun in Art IV HON/Pre-AP. In 2-D Design, students will demonstrate a conscious and deliberate application of design issues using a variety of forms, which include, but are not limited to, graphic design, illustration, typography, digital imaging, photography, collage, fabric design, weaving, illustration, painting, drawing, and printmaking. This course is only scheduled in the Spring semester. Students who sign up to take this course should also sign up for Art IV HON/Pre-AP in the same school year. Students enrolled in an AP course are expected to take the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.

AP STUDIO ART: DRAWING
1 Unit Grades: 11-12
Prerequisite: B or higher in Art IV, Art Teacher Recommendation, Portfolio Review
Required: $30 Supply Fee
In this course, students create and develop an original thematic body of artworks based on the student's interest in a particular visual and conceptual creative idea. Students will complete the Sustained Investigation section (comprised of 15 quality works) of the AP portfolio that was begun in Art IV HON/Pre-AP. Students will focus on the act of "mark-making" for their Drawing portfolio, which can include
painting, drawing, printmaking, or digital drawing as it relates to the concept of mark-making. This course is only scheduled in the Spring semester. Students who sign up to take this course should also sign up for Art IV HON/Pre-AP in the same school year. Students enrolled in an AP course are expected to take the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.

AP STUDIO ART: 3-D DESIGN
1 Unit Grades: 11-12
Prerequisite: B or higher in Art II: Sculpture, Advanced Sculpture, Art Teacher Recommendation, Portfolio Review
Required: $30 Supply Fee
In this course, students create and develop an original thematic body of 3-Dimensional art based on the student’s interest in a particular visual and conceptual creative idea. Students will complete the Sustained Investigation section (comprised of 15 quality works) of the AP portfolio. This course requires students to demonstrate a conscious and deliberate application of sculptural design issues using a variety of methods and materials. This course is only scheduled in the Spring semester. Students enrolled in an AP course are expected to take the corresponding AP Exam. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States.

— DANCE COURSES —

DANCE I
1 Unit Grades: 9-12
Prerequisite: None
Required: Dance attire (black unitard, tights, tan pedini, and tap shoes)
This is an introductory course for the beginner dance student who has not yet experienced the art of movement. The class will focus on beginner level ballet, tap, jazz, and contemporary dance. Students will also learn the history of dance and dance composition for choreographing a dance. Students will be expected to perform in a dance concert at the end of the semester.

DANCE II
1 Unit Grades: 10-12
Prerequisite: Dance I or Dance Teacher Approval
Required: Dance attire (black unitard, tights, tan pedini, and tap shoes)
This intermediate-level dance training course is designed for students with entry-level dance training who are ready to advance to the next level. Students learn ballet, tap, jazz, contemporary, hip hop, dance appreciation, and dance composition. Students are required to perform in a dance concert at the end of the semester.

DANCE III
1 Unit Grades: 10-12
Prerequisite: Dance II or Dance Teacher Approval
Required: Dance attire (black unitard, tights, tan pedini, and tap shoes)
This is an advanced dance course for students who have developed technical dance skills with a performance-based background in ballet, tap, jazz, and contemporary dance. Students will choreograph and audition for dances in a dance concert at the end of the semester.

— MUSIC: CHORUS COURSES —

WOMEN’S CHORUS
1 Unit each semester Grade: 9
Prerequisite: Interview with Choral Director or Middle School Choral Director Recommendation
Required: $30 Supply Fee per Semester
Women’s Chorus is a year-long, performance-based course. Female students interested in advancing their vocal abilities should enroll in this course. Emphasis is placed on music literacy, basic musicianship, music history, vocal technique and performance. Opportunities for small and large ensemble participation in concerts and clinics may be offered locally and statewide. Attendance is mandatory at each performance and is a significant part of the final grade for each student.

MEN’S CHORUS/DFC SINGERS
1 Unit each semester Grade: 9
Prerequisite: Interview with Choral Director or Middle School Choral Director Recommendation
Required: $30 Supply Fee per Semester
Men’s Chorus is a year-long, performance-based course. Male students interested in advancing their vocal abilities should enroll in this course. Emphasis is placed on music literacy, basic musicianship, music history, vocal technique, and performance. Opportunities for small and large ensemble participation in concerts and clinics may be offered locally and statewide. Attendance is mandatory at each performance and is a significant part of the final grade for each student. A select group of men will be chosen to take DFC Singers second semester.
**ADVANCED CHORUS**

1 Unit each semester  Grade: 9  
Prerequisite: Middle School Choral Director Recommendation and Audition (includes vocal performance, music literacy, and sight reading)  
Required: $40 Supply Fee per Semester  
Mixed Advanced Chorus is a year-long, performance-based course for advanced voices. Emphasis is placed on music reading, musicianship, music history, vocal technique, and singing music arranged for SATB. Students will attend concerts, clinics, and competitive festivals. Attendance is mandatory for each performance and is a significant part of the final grade for each student. Students interested in this course should initially sign up for Women's or Men's Chorus; students will be scheduled into Mixed Advanced Chorus upon selection following an audition. Qualified students may contract with the director to receive Honors weighting for this course.

**CONCERT CHORUS I & II**

1 Unit  Grades: 10-12  
Prerequisite: Audition  
Recommended: Double-blocking (taking this class in both the Fall and Spring semesters) for students who plan to audition for Dorman or Chamber Singers  
Concert Chorus is a class designed for the advancement of music literacy, vocal development, and rehearsal skills. Singers will perform a variety of genre and music from multiple historical periods and styles throughout the year. Concert performances are required.

**DORMAN SINGERS I & II**

1 Unit  Grades: 10-12  
Prerequisite: Audition  
Recommended: Double-blocking (taking this class in both the Fall and Spring semesters)  
Dorman Singers is an advanced chorus class that requires a high level of music literacy, vocal development, and a work/rehearsal ethic. The ensemble performs at school concerts in addition to participating in state choral festivals. Singers will read and rehearse a variety of genre and music from multiple historical periods and styles throughout the year. Written and performance assessments are required.

**CHAMBER SINGERS I & II**

1 Unit  Grades: 10-12  
Prerequisite: Audition  
Required: $40 Supply Fee per Semester; Double-blocking (taking this class in both the Fall and Spring semesters)  
Chamber Singers is the most select choral group at Dorman. An advanced degree of music literacy, vocal performance, music theory, and work/rehearsal ethic are required for this course. The ensemble is an active performing choral group where singers commit to numerous festivals and competitions throughout the year. Singers rehearse and perform music studied by high school chorus classes and study, analyze, and perform additional advanced choral repertoire. Written and performance assessments are required.

**– MUSIC: BAND COURSES –**

**CONCERT BAND**

1 Unit each semester  Grade: 9  
Prerequisite: Band Director Placement  
Required: Students provide their own instrument/materials  
This year-long, performance-based band course is for students who do not march with the DHS Marching Cavaliers.

**MARCHING BAND WITH PE/HEALTH***

1 Unit  Grade: 9  
Prerequisite: Band Director Recommendation and/or Audition with Band Director  
This is a first-semester class for all brass, woodwind, percussion and guard students who are part of the DHS Marching Cavaliers, a performance-based ensemble that participates in competitions, football games, and parades. This version of Marching Band is specifically designed to also fulfill the PE graduation requirement. As part of that curriculum, students will develop a personalized physical fitness program, participate in health-enhancing physical activities, and complete online assignments related to comprehensive health education. Because this course serves as a PE requirement for graduation, students may not contract with the director to receive Honors weighting for this course.

**MARCHING WINDS**

1 Unit  Grades: 9-12  
Prerequisite: Band Director Recommendation and/or Audition with Band Director  
This co-curricular, first-semester marching band class is required for all members of the competitive Marching Cavaliers, who perform in competitions, football games, and parades during the fall semester. Qualified students may contract with the director to receive Honors weighting for this course.

**SYMPHONIC BAND**

1 Unit  Grades: 9-12  
Prerequisite: Completion of Middle School Band, Middle School Band Director Recommendation or Audition with DHS Band Director  
This second-semester band class will study and perform music literature grades 3-5 in difficulty. Students are required to attend some after-school rehearsals and concerts. Qualified students may contract with the director to receive Honors weighting for this course.

**WIND ENSEMBLE HON**

1 Unit  Grades: 10-12  
Prerequisite: Band Director Recommendation and/or Audition with Band Director  
This is a second-semester band class consisting of only the most advanced wind players. The Wind Ensemble will study literature grades 4 - Masterworks. This ensemble will perform 6-10 times during the semester. Students are required to participate in the Solo and Ensemble Festival and to audition for the Region Band and All-State Bands as part of the class.
MARCHING COLOR GUARD
1 Unit Grades: 9-12
Prerequisite: Band Director Recommendation and/or Audition with Band Director
This co-curricular, first-semester class is required for all Color Guard members of the competitive Marching Cavaliers, who perform in competitions, football games, and parades during the fall semester. Qualified students may contract with the director to receive Honors weighting for this course.

INDOOR COLOR GUARD
1 Unit Grades: 9-12
Prerequisite: Audition with Band Director
In this second-semester course, students will be involved in the competitive indoor color guard program. The students enrolled in this class will participate in Winter Guard International (WGI) and local circuits. Students are required to attend regular evening rehearsals and all weekend competitions. Qualified students may contract with the director to receive Honors weighting for this course.

MARCHING PERCUSSION
1 Unit Grades: 9-12
Prerequisite: Band Director Recommendation and/or Audition with Band Director
This is the first-semester marching band class for all students that play percussion instruments. Auditions will be held in the spring of the previous year. The marching season will start at the conclusion of the previous school year and will go through the summer into the beginning of the next school year. Members of this class are required to be a part of the “Marching Cavaliers”, a performance and competitive based ensemble. The students will participate in local, state and regional competitions. Students enrolled in this course will attend regularly scheduled evening rehearsals, football game performances, and Saturday competitions. Qualified students may contract with the director to receive Honors weighting for this course.

PERCUSSION ENSEMBLE HON
1 Unit Grades: 9-12
Prerequisite: Band Director Recommendation and/or Audition with Band Director
This is a second-semester band class consisting of only the most advanced percussion players. This ensemble will perform 6-10 times during the semester with the Wind Ensemble or Symphonic Band. Students are required to participate in the Solo and Ensemble Festival and to audition for the Region Band and All-State Bands as part of the class. Qualified students may contract with the director to receive Honors weighting for this course.

— MUSIC: ORCHESTRA COURSES —

FRESHMAN ORCHESTRA
1 Unit each semester Grade: 9
Prerequisite: Teacher Recommendation and/or Audition with Orchestra Director
Required: Students must provide own instrument, concert attire, technique book, music stand, and metronome for at-home practice
Freshman Orchestra is a year-long, performance-based ensemble. Students study string technique, music history, and music theory needed to perform in an orchestra. Students are required to be at all after-school concerts and rehearsals. Qualified students may contract with the director to receive Honors weighting for this course.

CONCERT ORCHESTRA A/B
1 Unit Grades: 10-12
Prerequisite: Teacher Recommendation and/or Audition with Orchestra Director
Required: Students must provide own instrument, concert attire, technique book, music stand, and metronome for at-home practice.
The Concert Orchestra is a performance-based ensemble. Students study scales, positions, rhythms, bowings, and other fundamental skills needed to perform in an orchestra. Double-blocking (taking both Fall and Spring sections) is not required for this class; students may enroll for one block in either the Fall or Spring. Students wishing to take Orchestra year-round should enroll in Philharmonic or audition for Symphony.

PHILHARMONIC ORCHESTRA
1 Unit Grades: 10-12
Prerequisite: Teacher Recommendation and/or Audition with Orchestra Director
Required: Double-blocking (taking both Fall and Spring sections); Students must provide own instrument, concert attire, technique book, music stand, and metronome for at-home practice
Philharmonic Orchestra is a year-long, performance-based ensemble. Orchestra students who do not take private lessons are encouraged to enroll in this class. Students study advanced playing technique, improvisation, and other fundamental skills needed to perform in orchestra. Students are required to be at all after-school concerts and rehearsals. Qualified students may contract with the director to receive Honors weighting for this course.

SYMPHONY ORCHESTRA
1 Unit each semester Grades: 10-12
Prerequisite: Audition with Orchestra Director
Required: Double-blocking (taking this class in both the Fall and Spring semesters); Students must provide own instrument, concert attire, technique book, music stand, and metronome for at-home practice
Symphony is a year-long, performance-based ensemble. Students study advanced playing technique and perform string and full orchestra literature. Students are expected to commit to numerous performances throughout the school year and are required to be at all after-school concerts and rehearsals. Qualified students may contract with the director to receive Honors weighting for this course.

— THEATRE COURSES —

THEATRE I
1 Unit Grades 9-12
Prerequisite: None
This is an introductory course designed to explore the process of creating theatre. Students will be exposed to different areas of theatre including theatre history, pantomime, voice and diction, and technical theatre. This course also requires students to see a theatrical performance of their choosing outside of school.
THEATRE I ADV
1 Unit Grade 9
Prerequisite: Teacher Recommendation
For the serious actor who intends to participate in the Dorman Theatre Department’s productions and competitions throughout high school. This course is performance-intensive and will require students to participate both in and out of class. The course will focus on theatre history, pantomime, voice and diction, musical theatre, and scene work, script analysis, monologues and scene work. It will culminate in a required evening performance.

THEATRE II
1 Unit Grades 10-12
Prerequisite: Theatre I, Teacher Recommendation
This course is for students who are interested in developing their acting and production skills. It will focus on the techniques, aspects, and theories of acting through various activities. This class will also explore playwriting and various production jobs such as stage management and backstage crew.

THEATRE III
1 Unit Grades 10-12
Prerequisite: Theatre II, Teacher Recommendation
This course is for intermediate students who have demonstrated a mastery of basic acting and technical theatre skills. Students will be expected to participate as performers and crew members in plays and competitions. Qualified students may contract with the teacher to receive Honors weighting for this course.

THEATRE IV
1 Unit Grades 10-12
Prerequisite: Theatre III, Teacher Recommendation
This course is for advanced students who have demonstrated a mastery of basic acting and technical theatre skills. Students will focus on creating and directing their own performance piece and performing in plays and competitions. Qualified students may contract with the director to receive Honors weighting for this course.

TECHNICAL THEATRE II
1 Unit Grades 10-12
Prerequisite: Theatre I, Technical Theatre I, or Technical Theatre Summer Camp, Teacher Recommendation
Students will build upon the technical design and application skills learned in Theatre I. Students will engage in hands-on projects, including designing for sets, lights, and sound, and building/painting sets and props.

~ PHYSICAL EDUCATION & JROTC ~

Students need 1 Physical Education (PE) or JROTC credit to earn a diploma.

Dorman courses that will satisfy the graduation requirement for Physical Education or JROTC are marked with an *. These courses cover both the state-required Lifetime Fitness and Comprehensive Health Education components within their coursework. These courses include:
- Physical Education/Health I
- PE Health Sports 9
- Marching Band with PE/Health
- Basic JROTC

Placement in Physical Education and JROTC courses is determined by a combination of completion of prerequisite courses, program participation, grade levels, and teacher recommendations. A parent conference is required before a recommended placement or level can be changed.

– PE COURSES –

PHYSICAL EDUCATION/HEALTH I*
1 Unit Grades: 9-12
Prerequisite: None
This is the standard PE/Health course wherein students learn personal fitness and wellness as well as lifetime fitness standards. This course also covers all aspects of comprehensive health education. This course will count for the PE graduation requirement.

PE HEALTH SPORTS 9*
1 Unit Grades: 9
Prerequisite: Participant in DFC/DHS Athletics
This course is reserved for students who are on active rosters for DFC or DHS athletic programs. It is the ninth-grade level of PES. Students plan and participate in general and sport-specific conditioning programs. Coursework satisfies both the lifetime fitness and comprehensive health education requirements. Students who plan to participate in PES courses should sign up for general PES. Students will be placed in the appropriate semester and block according to their sport after the course selection process. This course will count for the PE graduation requirement. This is the only level of PES that satisfies the graduation requirement. Student-athletes who do not take PES-Health at the ninth-grade level will need to satisfy the graduation requirement through another course.

MARCHING BAND WITH PE/HEALTH*
1 Unit Grade: 9
Prerequisite: Band Director Recommendation and/or Audition with Band Director
This is a first-semester class for all brass, woodwind, percussion and guard students who are part of the DHS Marching Cavaliers, a performance-based ensemble that
participates in competitions, football games, and parades. This version of Marching Band is specifically designed to also fulfill the PE graduation requirement. As part of that curriculum, students will develop a personalized physical fitness program, participate in health-enhancing physical activities, and complete online assignments related to comprehensive health education. Because this course serves as a PE requirement for graduation, students may not contract with the director to receive Honors weighting for this course.

PES 10, PES 11, PES 12
1 Unit Grades: 10-12
Prerequisite: Participant in DFC/DHS Athletics
This course is reserved for students who are on active rosters for DHS athletic programs. Students plan and participate in general and sport-specific conditioning programs. Students who plan to participate in PES courses should sign up for general PES. Students will be placed in the appropriate semester and block according to their sport after the course selection process. This course is an elective physical education course. It will not satisfy the PE graduation requirement.

TEAM SPORTS A/B
1/2 Unit for A, 1/2 Unit for B Grades: 10-12
Prerequisite: PE/Health I; Physically able to participate
This course is an in-depth study of team sports. Students learn the skills, team strategies, rules, origin, and evolution of basketball, volleyball, soccer, softball, and football. Students will also participate in every sport to grow their understanding and appreciation. This course is an elective physical education course. It will not satisfy the PE graduation requirement. Each section of this course (A & B) lasts one nine-weeks term. Students can choose to take one or both sections of this course.

LEISURE ACTIVITIES A/B
1/2 Unit for A, 1/2 Unit for B Grades: 10-12
Prerequisite: PE/Health I; Physically able to participate
This course is an exploration of leisure games. Students learn the lifetime benefits of participating in games such as ping pong, badminton, tennis, and golf. Students will grow in both their understanding of these activities and ability to skillfully participate in each one. This course is an elective physical education course. It will not satisfy the PE graduation requirement. Each section of this course (A & B) lasts one nine-weeks term. Students can choose to take one or both sections of this course.

ATHLETIC TRAINING/SPORTS MEDICINE I
1 Unit Grades: 10-12
Equivalent Course: Sports Medicine I (RDA Course)
This course introduces students to basic care of wounds, fractures, sprains, and other sports-related injuries. Students learn how injuries to the bone structure, muscle structure, and ligament structure may occur during athletic activities, as well as how to treat these injuries so that an injured person may return to athletic activities as soon and safely as possible. Liability and other legal issues related to athletic injuries are discussed, as well as the classification of sports injuries. Students learn how to tape injuries, utilize ace bandages, apply a splint, and provide CPR. Students are required to attend 8 athletic events as part of the course. This course is an elective physical education course. This course is the same credit and curriculum as Sports Medicine I (taught at RDA) but is taught on Dorman’s campus. It will not satisfy the PE graduation requirement.

ATHLETIC TRAINING/SPORTS MEDICINE II
1 Unit Grades: 10-12
Prerequisite: Athletic Training/Sports Medicine I
Equivalent Course: Sports Medicine II (RDA Course)
This is a continuation of Athletic Training/Sports Medicine I. Students will enhance their knowledge related to the care of sports-related injuries. Students will learn the techniques used in the rehabilitation of injuries, such as taping and modalities, and will also study how nutrition affects athletic performance, investigate the effects that vitamin supplements and steroids have on the body, and look at the physiological and psychological affects of wound and injury healing on athletes. Finally, students will gain practical experience by observing the work that goes on in physical therapy clinics, training rooms, and physicians’ offices. This course is an elective physical education course. This course is the same credit and curriculum as Sports Medicine II (taught at RDA) but is taught on Dorman’s campus. It will not satisfy the PE graduation requirement.

-- US ARMY JROTC COURSES --

JROTC may be double-blocked (taken in both the Fall and Spring semester) throughout high school if prerequisites are met and class size is adequate.

BASIC JROTC (JROTC I)*
1 Unit Grades: 9-12
Prerequisite: None
This is the introductory course for first-year JROTC cadets. The course focuses on the development of leadership skills, building self-reliance, patriotism, and improving physical fitness. Training includes the theory of leadership, techniques of communication, basic first aid, map reading, citizenship, and leadership lab. Selected optional subjects include how to develop good study habits, drug awareness, and orientation to the military services. Cadets are eligible to participate on the following special teams: Color Guard, Drill Team, Raider Team, and Rifle Team. Emphasis is placed on personal appearance and bearing, attitude and conduct, and health and physical fitness. Training received in JROTC complements instruction associated with all academic tracks and offers skills training in areas not covered in other high school courses. This course will satisfy the PE requirement for graduation.

AREA STUDIES (JROTC II)
1 Unit Grade: 9
Prerequisite: JROTC I /Approval of Instructor
This course is an expansion of Basic JROTC, concentrating on the social studies related subjects of the JROTC curriculum. Emphasis is placed on topics of current interest, citizenship, service learning, and development of leadership skills. Other topics include physical fitness, navigation and map-reading, history and government, techniques of communication, and team-building.
Students need 7 Elective credits to earn a diploma.

All Non-Departmental Elective courses will go toward satisfying the graduation requirement for Electives.

Placement in Non-Departmental Elective courses is determined by a combination of completion of prerequisite courses, program participation, grade levels, and teacher recommendations. A parent conference is required before a recommended placement or level can be changed.

~ NON-DEPARTMENTAL ELECTIVES ~

The Media Technology program prepares students for a variety of careers in video and audio production.

MEDIA TECHNOLOGY I
1 Unit  Grades: 10-12
Formerly Known As: Digital Video Production I
Prerequisite: None
In Media Technology I, students explore the general field of communications, focusing primarily on audio and motion media industries. Students also learn about related fields, such as radio, graphic design, computer graphics, animation, special effects, online media development, advertising, public relations, and corporate communications. Students get hands-on experience in basic production techniques for audio and video. They learn how to use industry-standard equipment and develop skills including writing, directing, producing, and editing video pieces of increasing complexity.

MEDIA TECHNOLOGY II
1 Unit  Grades: 10-12
Formerly Known As: Digital Video Production II
Prerequisite: B or higher in Media Technology I
Media Technology II continues to build on the fundamental skills introduced in Media Technology I. Students explore concepts essential for creating quality video content. Students will study both technical and aesthetic principles to further increase the production value of their products. Students will also work hands-on in live video production settings covering events for the school and district.

MEDIA TECHNOLOGY III / IV
1 Unit  Grades: 10-12
Formerly Known As: Digital Video Production III/IV
Prerequisite: B or higher in Media Technology II/III
Media Technology III & IV continues to build on the fundamental skills introduced in prior Media Technology classes. Students further refine their technical skills and explore their artistic vision as they work to produce original content and work in live video production settings covering events for the school and district. Students will create a portfolio of work for their personal use.
The Digital Art and Design program prepares students for a variety of careers in the ever-changing world of digital media. The program provides instruction in digital photography, digital art, and artistic principles. Students use digital cameras along design concepts, principles, and processes with the Adobe CC suite in order to meet client expectations. Students will study career development and employability skills, and will also compile a portfolio of their work for use in this program, as well as for post-secondary education and/or the workforce.

DIGITAL ART AND DESIGN I
1 Unit Grades: 10-12
Formerly Known As: Digital Photography I
Prerequisite: None
Recommended: A DSLR (digital camera with manual controls)

Digital Art and Design I focuses on the foundational skills needed by professional photographers, including understanding: manual exposure, the properties of light, theories of composition, image editing, the major genres of photography. Students will work individually and collaboratively on project-based assignments to create a portfolio of work that showcases their growth as photographers. This course is taught simultaneously with other levels of Digital Art & Design classes.

DIGITAL ART AND DESIGN II
1 Unit Grades: 10-12
Formerly Known As: Digital Photography II
Prerequisite: B or higher in Digital Art and Design I
Recommended: DSLR (digital camera w/ manual controls)

Digital Art and Design II builds on and refines foundational skills and introduces advanced techniques such as flash both in-studio and on-location. Students further develop personal style through advanced shooting and editing techniques and increase their career and employability skills by completing real-world photography assignments such as professional headshots, on-location portraiture, sports coverage, and event photography. Students also study the foundations of graphic design and drawing. This course is taught simultaneously with other levels of Digital Art & Design classes.

DIGITAL ART AND DESIGN III
1 Unit Grades: 11-12
Formerly Known As: Digital Photography III
Prerequisite: B or higher in Digital Art and Design II
Recommended: A DSLR (digital camera with manual controls)

Digital Art and Design III further refines techniques and concepts through regular, independent photography projects. Students will also expand their portfolios with digital art drawn in Photoshop, graphics created in Illustrator, and layouts designed InDesign. Students will research topics related to digital photography, and will also explore the soft skills needed by business concepts in related to digital art and design-related careers. This course is taught simultaneously with other levels of Digital Art & Design classes. Qualified students may contract with the director to receive Honors weighting for this course.

DIGITAL ART AND DESIGN IV
1 Unit Grades: 11-12
Formerly Known As: Digital Photography IV
Prerequisite: B or higher in Digital Art and Design III
Recommended: A DSLR (digital camera with manual controls)

Digital Art and Design IV is the culmination of the program in a personal exploration of technique, craft, and style, based on student strengths and interests. Students will refine techniques and concepts studied in prior classes to create a body of work that showcases their growth in and mastery of digital art and design. This course is taught simultaneously with other levels of Digital Art & Design classes. Qualified students may contract with the director to receive Honors weighting for this course.

YEARBOOK COURSES

YEARBOOK PRODUCTION I
1 Unit Grades: 9-10
Prerequisite: Teacher Recommendation, Instructor Approval

Yearbook Production I introduces students to the basics of producing a quality yearbook. Students will study the fundamentals of a broad range of topics, including photography skills, journalistic research skills, and journalistic writing skills. Students produce yearbook pages that highlight various school clubs, teams, organizations, and student life events. Completed pages demonstrate mastery of fundamental concepts and are published in the yearbook. This course is taught concurrently with other levels of Yearbook Production classes.

YEARBOOK PRODUCTION II
1 Unit Grades: 10-12
Prerequisite: Yearbook Production I, Instructor Approval

Yearbook Production II continues to build fundamental skills and explore concepts essential for creating a quality yearbook. Students are responsible for completing their journalistic research, integrating relevant images, and writing captions and body copy. Students produce yearbook pages that highlight various school clubs, teams, organizations, and student life events. Completed pages demonstrate mastery of concepts and are published in the yearbook. Students are required to spend time after school in order to complete production. This course is taught concurrently with other levels of Yearbook Production classes.

YEARBOOK PRODUCTION III
1 Unit Grades: 11-12
Prerequisite: Yearbook Production II, Instructor Approval

Yearbook Production III refines skills learned in previous levels, while emphasizing the study and practice of professional and business skills required for working with the public and marketing a yearbook. In addition to the responsibilities for Yearbook Production II, students may be responsible for designing layouts for features, editing images, reviewing and revising completed pages, and managing marketing. Students produce yearbook pages that highlight various school clubs, teams, organizations, and student life events. Completed pages demonstrate mastery
of concepts and are published in the yearbook. Students are required to spend time after school in order to complete production. This course is taught concurrently with other levels of Yearbook Production classes. Qualified students may contract with the director to receive Honors weighting for this course.

— TEACHER ED COURSES —

TEACHER CADET - THEORY
1 Unit Grade: 12
Prerequisite: Application Process (includes minimum 3.0 GPA, five teacher recommendations, an essay, and interview)
Required: Double-blocking this course with Teacher Cadet - Practicum (taking both Fall and Spring semesters)
This course is an introduction to the teaching profession. Its main purpose is to encourage students who possess a high level of academic achievement and the personality traits found in good teachers to consider teaching as a career. A secondary goal is to provide these talented future community leaders with insights about schools even if they do not select teaching as their career choice. The course is taught at a college freshman level, and the curriculum includes simulations and hands-on activities designed to excite students about teaching. Students are exposed to teaching careers and the educational system through class discussion, observations, participation in public school classrooms, and interactions with administrators and teachers. Students may opt for dual enrollment with USC Upstate. Students who take this course must also register for Teacher Cadet - Practicum. This course is taught in the Fall semester; Teacher Cadet Practicum is taught in the Spring semester.

TEACHER CADET - PRACTICUM
1 Unit Grade: 12
Prerequisite: Teacher Cadet - Theory
Required: Double-blocking this course with Teacher Cadet - Theory (taking both Fall and Spring semesters)
This course is a continuation of the Teacher Cadet Program. It is an examination of the teacher as a practitioner and a professional. Students will focus on the process of teaching, methodology, and requirements for certification. This course culminates with the student’s being assigned to work with a classroom teacher for an extended field experience. This course receives an Honors weighting. Students who take this course must also register for Teacher Cadet - Theory. Teacher Cadet - Theory is taught in the Fall semester; this course is taught in the Spring semester.

— LEADERSHIP COURSES —

HIGH PAY HIGH SKILLS A/B
1/2 Unit for A, 1/2 Unit for B Grades: 10-12
Prerequisite: None
This personalized course begins with an intense self-study about what makes students tick and then helps them navigate millions of available career paths and opportunities, including many that are in the Spartanburg area. The goal is to help students find a fit for their skills in a meaningful, high-paying career. This course includes Microburst soft skills training and lots of real life, practical studies. Each section of this course (A & B) lasts one nine-weeks term. Students can choose to take one or both sections of this course.

LEADERSHIP DORMAN
1 Unit Grades: 10-12
Prerequisite: Amigos Positivos Member or Teacher Recommendation
Leadership Dorman is a program through Amigos Positivos in which students mentor and assist other students in academic, social, and cultural environments. A large focus of this program is working with non-native and transitional students in the classroom.

— OTHER COURSES —

DRIVERS ED / STUDY HALL
1/2 Unit Grades: 9-12
Prerequisite: Students must be 15 years of age and possess a driving permit
Required: $35 Course Fee
This course begins with thirty hours of classroom instruction in standard drivers education. Following the classroom phase of the class, students spend six hours in observation of good driving techniques and six hours of actual driving. After the classroom instruction portion, students are placed in study hall while awaiting their assigned driving/observation time. Failure to obtain a beginner’s permit and complete the driving portion of the class will result in a 50 for the course. Successful completion of this course and a 3.0 GPA will meet the qualifications for a discount on automobile insurance.

SPORTS INFORMATION
1 Unit Grades: 11-12
Prerequisite: None
This course focuses on promoting Dorman student-athletes on the school’s athletic website. Students interested in journalism, website design, photography, video, writing, and sports work to provide up-to-date coverage of Dorman sports teams’ academic and athletic accomplishments.

WORK-BASED LEARNING INTERNSHIP
1 Unit Grade: 12
Prerequisite: Application Process through School of Study Dean and/or Academic Principal
Required: Student must provide own transportation
Work-Based Learning is a course whereby students complete a structured, CTE internship that is connected to their School of Study and career plans as outlined in their Individual Graduation Plan (IGP). Students apply and are selected by the Dean of their School of Study and/or the Academic Principal for this program. Internships involve working with an industry partner as defined by a mutual training/work agreement, which is established prior to the onset of this course. Participation involves active, hands-on training and job shadowing. Course assessments include a supervisor evaluation from the industry partner and regularly-scheduled worksite visits from high school program supervisors. This course also consists of four weeks of employability and soft skills training through MicroBurst Learning (two weeks at the beginning of the semester and two weeks at the end of the semester). This course is only scheduled during fourth block of the Spring semester.
**DUAL ENROLLMENT**

Dual Enrollment is an opportunity for students to earn college credit while still enrolled in high school. Dual Enrollment courses are arranged through annually-updated agreements between Dorman High School and local colleges/universities. Currently, Dorman has agreements with Spartanburg Community College (SCC), USC-Upstate, and USC-Union. Dual Enrollment courses are taught on the high school campus. Courses may be taught by Dorman teachers or professors from the partner college/university.

A Dual Enrollment course counts as both a college and a high school credit. Procedurally, the credit is awarded by the partner college/university and then recognized by the high school. Each 3-hour college credit course transfers as 1 high school credit. Some courses count as a high school core credit (e.g., Math); others count as an Elective credit.

Dual Enrollment courses are included in a student's GPA/Rank. They are weighted the same as an AP course (1 additional quality point awarded above CP weighting). Currently, final numerical grades (not just letter grades) are provided by partner colleges/universities to transfer to a student's high school transcript, but that is subject to change with each annual agreement. If only a final letter grade is provided, Dorman will convert it using the transfer scale outlined on Page 8.

Placement in Dual Enrollment courses is determined by course prerequisites set by the partner college/university. Prerequisites listed in course descriptions are tentative and only based on the latest-available information. These are always subject to change based on updated agreements. In general, Accuplacer Placement Test Scores or SAT/ACT Scores are required for SCC courses. SAT/ACT Scores are required for USC Union/USC Upstate courses.

Students are not charged tuition for Dual Enrollment courses. However, they are responsible for books and/or other course fees. Students that drop a Dual Enrollment class after the first five class sessions will receive a WF (Withdraw Failing) on their high school transcript. Students must also follow the withdrawal guidelines of the partner college/university to avoid further penalty.

Graduating Seniors who take Dual Enrollment courses and want their college transcripts sent to the college or university they plan to attend full-time must request those transcripts from any applicable partner college/university. To request from Spartanburg Community College, go to https://www.sccsc.edu/services/records/transcripts.php. To request a transcript from USC-Union/USC-Upstate, go to https://www.sc.edu/about/offices_and_divisions/registrar/transcripts_and_records/.

South Carolina public two- and four-year colleges and universities have a list of courses that are transferable within the state public college system. Students should verify that each course they choose is a part of their college major or can be counted as an elective credit. Students should check with the college they plan to attend to see if courses will be accepted for college credit.

**To enroll in Dual Enrollment courses at Dorman, students need to complete an Application Packet, which includes forms for partner colleges/universities. Packets are available in the Guidance Office.**

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**ACC 101 - ACCOUNTING PRINCIPLES I**
**Partner: Spartanburg Community College (SCC)**
**Prerequisite:** 3.0 GPA; SAT ERW 510 and Math 580 or ACT English 19 and Math 22 or Next-Generation Accuplacer Reading 237 and Writing 237 and Arithmetic 250-300 with QAS 200-236 or Classic Accuplacer Sentence Skills 61 and Reading 46 and Arithmetic 66 and Elementary Algebra 20-82.

This course introduces basic accounting procedures for analyzing, recording, and summarizing financial transactions, adjusting and closing the financial records at the end of the accounting cycle, and preparing financial statements. Emphasis is also placed on accounting for current and long-term assets, current and long-term liabilities, statement of cash flow and financial statement analysis.

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**ACC 102 - ACCOUNTING PRINCIPLES II**
**Partner: Spartanburg Community College (SCC)**
**Prerequisite:** 3.0 GPA; C or higher in ACC 101

This course emphasizes accounting theory and practice in basic accounting and procedures for cost accounting, budgeting, cost–volume analysis, and capital investment analysis. Other topics include performance management/evaluation, decision analysis, and target costing.

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**BAF 101 - PERSONAL FINANCE**
**Partner: Spartanburg Community College (SCC)**
**Prerequisite:** 3.0 GPA; SAT ERW 510 and SAT Math 580 or ACT English 19 and ACT Math 22 or Next Generation Accuplacer Reading 237-249 and Accuplacer Writing 237-249 and Accuplacer Arithmetic 250-300 with Quantitative Reasoning, Algebra, and Statistics 200-236.

This course includes the practical applications of concepts and techniques used in managing personal finances. Major areas of study include financial planning, budgeting, credit use, housing, insurance, investments, and retirement planning.

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**CPT 101 - INTRODUCTION TO COMPUTERS**
**Partner: Spartanburg Community College (SCC)**
**Prerequisite:** 3.0 GPA; SAT ERW 510 and Math 580 or ACT English 19 and Math 22 or Next Generation Accuplacer Reading 237 and Writing 237 and Arithmetic 250-300 with QAS 200-236 or Classic Accuplacer Sentence Skills 61 and Reading 46 and Arithmetic 66 and Elementary Algebra 20-82 or Asset Writing 36 and Reading 37 and Numerical 41.

This course covers basic computer history, theory and applications, including word processing, spreadsheets, databases, and the operating system. This course does NOT satisfy the graduation requirement for Computer Science.

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**ECO 210 - MACROECONOMICS**
**Partner: Spartanburg Community College (SCC)**
**Prerequisite:** 3.0 GPA; SAT ERW 510 and Math 580 or ACT English 19 and Math 22 or Next Generation Accuplacer Reading 237 and Writing 237 and Arithmetic 250-300 with QAS 200-236 or Classic Accuplacer Sentence Skills 61 and Reading 46 and Arithmetic 66 and Elementary Algebra 20-82

This course includes the study of fundamental principles and
policies of a modern economy to include markets and prices, national income accounting, cycles, employment theory and fiscal policy, banking and monetary controls, and the government’s role in economic decisions and growth.

ECDF 201 - INTRODUCTION TO EARLY CARE AND EDUCATION  
Partner: USC-Upstate  
Prerequisite: 3.0 GPA and SAT Verbal 480 or ACT English 19  
This course is an overview of child development, curriculum, management, guidance, and safety and nutrition regulation standards in early care and education. Ideal for any student interested in pursuing a career working with children, this course provides foundational knowledge of the development of young children. Students who complete this course with a grade of C or better will earn their Level I SC Childcare Credential.

EDFO 333 - EDUCATIONAL DEVELOPMENT OF THE LIFELONG LEARNER  
Partner: USC-Upstate  
Prerequisite: 3.0 GPA and SAT Verbal 480 or ACT English 19  
This course involves applications of psychology of learning and motivation to patterns of social, emotional, physical and intellectual development, and their relationship to the teaching of children, adolescents, and adults.

ENGL 101 - ENGLISH COMPOSITION I  
Partner: USC-Upstate  
Prerequisite: 3.0 GPA and Completion of English III HON, English IV ADV, World Literature ADV, or AP English Language and SAT Verbal 480 or ACT English 19  
This course is instruction and practice in academic writing, critical reading and research. Focused attention is given to planning, drafting, revising, and editing a variety of texts.

ENGL 102 - ENGLISH COMPOSITION II  
Partner: USC-Upstate  
Prerequisite: 3.0 GPA; C or higher in ENGL 101 or Score of 3 or higher on the AP English Language Exam  
This course is continued instruction in composition, building on skills introduced in English 101. Focused attention is given to writing for specific audiences, reading and analyzing challenging texts, and synthesizing academic sources in writing.

HIST 111 - UNITED STATES HISTORY TO 1877  
Partner: USC-Union  
Prerequisite: 3.0 GPA and SAT Verbal 480 or ACT English 19  
This course is studies the US from the Era of Discovery to 1877. Out of Many reveals the ethnic, geographical and economic diversity of the US by examining the individual, community, and state, placing a special focus on regions, particularly the West. Each chapter helps students understand the textured and varied history that has produced the increasing complexity of America. Students taking HIST 111 & HIST 112 to satisfy the high school graduation requirement must complete both courses. These courses are both taught during a single semester block. (e.g. HIST 111 taught in Q3, HIST 112 taught in Q4.)

HIST 112 - UNITED STATES HISTORY SINCE 1877  
Partner: USC-Union  
Prerequisite: 3.0 GPA; SAT Verbal 480 or ACT English 19  
This course continues elements and themes from HIST 111. Students taking HIST 111 & HIST 112 to satisfy the high school graduation requirement must complete both courses. (See note in HIST 111 course description.)

MAT 110 - COLLEGE ALGEBRA  
Partner: Spartanburg Community College (SCC)  
Prerequisites: 3.0 GPA; Algebra II; SAT ERW 510 and Math 580 or ACT English 19 and Math 22 or Next Generation Accuplacer Reading 250 and Writing 237 and QAS 263-300 with AAF 200-262 or Classic Accuplacer Sentence Skills 61 and Reading 71 and Elementary Algebra 107 and College Level Math 20-85  
This course includes the following topics: polynomial, rational, logarithmic, and exponential functions; inequalities; systems of equations and inequalities; matrices; determinants; and solutions of higher degree polynomials.

MAT 120 - PROBABILITY AND STATISTICS  
Partner: Spartanburg Community College (SCC)  
Prerequisites: 3.0 GPA; Algebra II; SAT ERW 510 and Math 580 or ACT English 19 and Math 22 or Next Generation Accuplacer Reading 250 and Writing 237 and QAS 263-300 with AAF 200-262 or Classic Accuplacer Sentence Skills 61 and Reading 71 and Elementary Algebra 107 and College Level Math 20-85  
This course includes the following topics: introductory probability and statistics, including organization of data, sample space concepts, random variables, counting problems, binomial and normal distributions, central limit theorem, confidence intervals, and test hypothesis for large and small samples; types I and II errors; linear regression; and correlation.

MKT 101 - MARKETING  
Partner: Spartanburg Community College (SCC)  
Prerequisites: 3.0 GPA; Algebra II; SAT ERW 510 and Math 580 or ACT English 19 and Math 22 or Next Generation Accuplacer Reading 250 and Writing 237 and QAS 263-300 with AAF 200-262 or Classic Accuplacer Sentence Skills 61 and Reading 71 and Elementary Algebra 107 and College Level Math 20-85  
This course covers an introduction to the field of marketing with detailed study of the concept and processes of product development, pricing, promotion, and marketing distribution.

PSC 201 - AMERICAN GOVERNMENT  
Partner: Spartanburg Community College (SCC)  
Prerequisite: 3.0 GPA; SAT ERW 510 and ACT English 19 or Next Generation Accuplacer Reading 250 and Writing 250 or Classic Accuplacer Sentence Skills 81 and Reading 71  
This course is a study of national governmental institutions with emphasis on the Constitution, the functions of the executive, legislative and judicial branches, civil liberties and the role of the electorate.

PSYCH 101 - INTRODUCTION TO PSYCHOLOGY  
Partner: USC-Union  
Prerequisite: 3.0 GPA and SAT Verbal 480 or ACT English 19  
This course is an introduction to and survey of the basic concepts and findings within the field of psychology.

SPC 205 - PUBLIC SPEAKING  
Partner: Spartanburg Community College (SCC)  
Prerequisite: 3.0 GPA; SAT ERW 510 or ACT English 19 or Next Generation Accuplacer Reading 250 and Writing 250 or Classic Accuplacer Sentence Skills 81 and Reading 71  
This course is an introduction to principles of public speaking with application of speaking skills.
All courses taught at R. D. Anderson (except for Leadership That Works) go toward satisfying the graduation requirement for Occupational credit.

AHS 102 - Medical Terminology is a Dual Credit course through Spartanburg Community College.

Courses for R. D. Anderson are listed according to Career Clusters. For each course, you will see eligible Grade Levels listed in a particular order. For the purpose of maximizing students' chances to be a Program Completer, course placement is assigned following this order of grade level preference. For example, a course with a Grade Level listed as 10, 11 would give an 10th grader preference over a 11th grader if space in the course is limited.

For some programs, students can only take 1 level per school year. These programs are identified at the heading of each Career Cluster. These programs are: Architectural Design, Automotive Collision Repair, Automotive Technology, Commercial Graphics, Culinary Arts, Fire Fighter, Law Enforcement, Services Machine Tool Technology, Mechanical Design, Mechatronics, Sports Medicine, Welding.

For some programs, students must complete Level 1 by the 10th grade in order to be a Program Completer. These programs are: Commercial Graphics, Fire Fighter, Machine Tool, Welding, Health Science/Nursing Assisting.
INTRODUCTION TO AGRICULTURAL SCIENCE AND TECHNOLOGY (5624)
1 Unit Grades: 9, 10, 11
Prerequisite: None
This course is designed to teach essential concepts and understanding related to plant and animal life including biotechnology, the conservation of natural resources, and the impact of agriculture and natural resource utilization on the environment. Emphasis is placed on the role of agriculture in our society and the importance of agriculture to the welfare of the world. Basic personal and community leadership as well as safety and agricultural mechanical technology are included as a part of the instructional program. Each student is expected to design and participate in a supervised agricultural experience.

Typical learning activities are hands-on learning experiences including: performing basic principles of plant, soil, and animal science; studying and modeling the significance of humankind’s interrelationship with soil, water, and air; participating in FFA activities. Students will complete Hunter Education, Boater Education and Archery in this class.

HORTICULTURE & GREENHOUSE MANAGEMENT (5650)
1 Unit Grades: 9, 10, 11
Prerequisite: None
This course is designed to be an introduction to the Horticulture pathway. This course includes organized subject matter and practical experiences related to the culture of plants used principally for ornamental or aesthetic purposes. Instruction emphasizes knowledge and understanding of the importance of establishing, maintaining and managing ornamental horticulture enterprises.

Typical instructional activities include: hands-on experiences with propagating, growing, establishing, and maintaining nursery plants and greenhouse crops; tissue culture techniques; designing landscapes; preparing designs; sales analysis and management; participating in personal and community leadership development activities; and participating in FFA activities.

NURSERY, GREENHOUSE, & GARDEN CENTER TECHNOLOGY 2 (5672)
1 Unit Grades: 10, 11, 12
Prerequisite: 80% in Horticulture & Greenhouse Mgmt
The course includes practical experiences related to the operation and management of a nursery, greenhouse or a garden center. Instruction emphasizes knowledge and understanding of the importance of establishing, maintaining, and managing “green industry” enterprises. This course builds on skills obtained in Horticulture.

Typical instructional activities include: hands-on experiences with propagating, growing, establishing, and maintaining nursery plants and greenhouse crops; tissue culture techniques; designing landscapes; preparing designs; personal and community leadership development activities; planning and implementing a relevant school-to-work transition experience; and participating in FFA activities.

LANDSCAPE TECHNOLOGY (5670)
1 Unit Grades: 11, 12, 10
Prerequisite: None
This course is designed to qualify the student completing the course for job entry into landscaping fields or to continue advanced training in post high school education. A combination of subject matter and activities are designed to teach technical knowledge and skills for entry-level positions in the field of landscaping. Typical instructional activities include hands-on experiences with the planning and selection of materials for the construction of hardscapes, the mechanical practices associated with irrigation and water conservation, erosion control, participating in personal and community leadership development activities, planning and implementing a relevant supervised agricultural experience, and participating in FFA activities.

EQUIPMENT OPERATIONS (5621)
1 Unit Grades: 10, 11, 12
Prerequisite: None
This course is designed to teach students how to operate and maintain equipment commonly used in the agricultural industry. It includes equipment used in all four of the Agriculture, Food, and Natural Resources pathways: Horticulture, Plant and Animal Systems, Environmental and Natural Resources Management, and Agricultural Mechanics and Technology. Typical instructional activities include hands-on experiences with agricultural power machinery, participating in personal and community leadership development activities; and planning and implementing a relevant school-to-work transition experience. Examples of equipment covered in this course are tractors (with attachments), skid-steers, zero turn lawn mowers, weed eaters and backpack blowers.

TURF AND LAWN MANAGEMENT (5654)
1 Unit Grades: 11, 12
Prerequisite: None
This course is designed to teach technical knowledge and skills for entry-level positions in the turf-grass industry. The principles and practices involved in establishing, managing, and maintaining grassed areas for ornamental and/or recreational purposes are studied. Typical instructional activities include hands-on experiences with developing plans for turf areas, establishing, fertilizing, irrigating, maintaining and pest management control of grassed areas on and off school property; operating and maintaining machinery and equipment; participating in personal and community leadership development activities as well as planning and implementing a relevant school-to-work transition experience.

VETERINARY SCIENCE (5613)
1 Unit Grades: 10, 11, 12
Prerequisite: None
The science of veterinary medicine will be explored by students in this course. Students will study the role of a veterinarian and veterinary technician in the diagnosis and treatment of animal diseases. Topics to be discussed include: veterinary terminology, anatomy and physiology, pathology, genetics, handling and restraint, and physical examinations, along with common surgical skills. Students will engage in a variety of laboratory activities and will participate in shadowing and/or other school-to-work experiences.
SMALL ANIMAL CARE (5612)
1 Unit  Grade: 10
Prerequisite: None
This course is designed to teach technical knowledge and skills for occupations in the pet industry or the companion animal industry. Skills also relate to the veterinarian or the veterinarian technician career field. Typical instructional activities include hands-on experiences with cats, dogs, rabbits, fish, etc.; participating in personal and community leadership development activities; and planning a relevant school-to-work transition experience.

FARM ANIMAL PRODUCTION (5647)
1 Unit  Grades: 11, 12
Prerequisite: None
This course is designed to teach technical knowledge and skills for occupations in the pet industry or entry-level positions in an animal production enterprise by developing competencies concerning the selection, breeding, physiology, nutrition, health, housing, feeding, and marketing of farm animals. Typical instructional activities include hands-on experiences with the principles and practices essential in the production and management of farm animals and farm animal products for economic, recreational, and therapeutic uses; participating in personal and community leadership development activities; planning and implementing a relevant school-to-work transition experience; and participating in FFA activities.

AGRICULTURE MECHANICS (5660)
1 Unit  Grades: 11, 12, 10
Prerequisite: None
In this course students will receive hands-on training in the safe operation, maintenance, and repair of equipment used in the horticulture industry. Typical instructional activities include: hands-on experiences with agricultural power units; the planning and selection of materials for the construction of agricultural facilities; the mechanical practices associated with irrigation and water conservation; erosion control and metal fabrication. The greenhouse will be a source of training with emphasis on environment-controlling equipment.

EQUINE SCIENCE (5679)
1 Unit  Grades: 11, 12
Prerequisite: None
This course is designed to teach essential concepts and practical experience related to the care taking and production of horses. Instruction emphasizes knowledge and understanding of the importance of maintaining, selecting, and managing horses. Major topics in this class are to include: history and uses of horses; breeds and classes of horses; functional anatomy; reproduction and breeding; digestion and nutrition; health management; shoeing and hoof care. With the completion of this course students should be able to exhibit basic safety and training methods as well as perform techniques such as saddling, bridling, grooming and judging horses.

— ARTS, A/V TECHNOLOGY, & COMMUNICATION —

COMMERCIAL GRAPHICS 1 (6200)
1 Unit  Grades: 9, 10, 11
Prerequisite: None
This semester course is designed to provide a general overview of graphic arts and design. Students use digital cameras, screen printing, and offset printing equipment. Students will use Macintosh computers to design projects for vinyl decals, one-color offset printing projects, and one-color T-shirts. The Adobe Creative Suite software, including Adobe Illustrator, Photoshop, and InDesign will be used to design projects.

COMMERCIAL GRAPHICS 2 (6201)
1 Unit  Grades: 10, 11, 12
Prerequisite: 80% in Commercial Graphics 1
This semester course will give students hands-on training using the software programs: Adobe InDesign, Illustrator, and Photoshop. Students will learn to use graphic design and electronic page assembly to produce professional-quality documents such as newsletters, brochures, forms, flyers, business cards, advertisements and letterheads. Students will learn screen printing and will print one of their own personal designs on a T-shirt. Students will also work with vinyl graphics and dye sublimation garment printing by heat transfer. Students will go through three phases of Design including: thumbnails, rough draft, and final printed piece.

COMMERCIAL GRAPHICS 3 (6202)
2 Units  Grades: 12, 11
Prerequisite: 85% in Commercial Graphics 2
After finishing this semester course, students will know how to use the graphics computer software and the offset printing presses to create a variety of diverse media such as brochures, letterheads, newsletters, and booklets. Students will also learn digital imaging and will be informed of the skills and procedures needed to successfully operate and produce industry standard products related to the Commercial Graphics industry. Projects will include: multi-color printing, multi-color shirt printing, dye sublimation garment printing, advanced digital photography, vinyl graphics, and advanced design. This advanced course will put into practice the creation of personalized projects and give the ability to design, create, and complete printed projects. Students will also develop a portfolio for presentation, along with a personal resume.

ARCHITECTURAL DESIGN 1 (6170)
1 Unit  Grades: 10, 11, 9
Prerequisite: None
This course covers the skills required to design single family residential structures using modern construction practices. All skills will be taught using a combination of hand sketching, Autocad, AutoDesk Architecture, and Chief Architect design software. Upon completion of this course students will be able to design floor plans, foundation plans, roof plans, electrical plans, exterior elevations and typical construction details.
ARCHITECTURAL DESIGN 2 (6171)  
1 Unit  Grades: 12, 11, 10  
Prerequisite: 80% in Architectural Design 1

This course builds on the skills developed in Architectural Design 1. Students will experience real project design scenarios and develop team working skills. Projects will be completed using Chief Architect, AutoDesk Revit software and simple model building techniques. Upon completion of this course students will be able to design residential/light commercial structures in accordance with applicable building codes, develop presentations and confidently support their design. Students may be eligible to participate in cooperative work experiences or apprenticeships arranged by the instructor and job placement coordinator.

MECHANICAL DESIGN 1 (6172)  
1 Unit  Grades: 10, 11, 9  
Prerequisite: None

This course covers the basic skills required to enter fields of engineering such as Machine Tool Design, Aerospace Engineering, Industrial Engineering, Automotive Engineering, Mechatronics and many more. Students should have an interest in solving problems using design skills, blueprint reading and visualizing mechanical devices. All skills will be taught using a combination of hand sketching and SolidWorks software. Upon completion of this course students will be able to develop detailed shop drawings including multi-view projections, section views, auxiliary views and isometric presentations. This course relates to Machine Tool, Welding and Automotive courses offered at RDA.

MECHANICAL DESIGN 2 (6173)  
1 Unit  Grades: 12, 11, 10  
Prerequisite: 80% in Mechanical Design 1

This course builds on the skills developed in Mechanical Design 1. Students will develop team working skills as they coordinate design projects in small groups. Students should have an interest in troubleshooting mechanical devices, designing or inventing new products, and converting concepts into reality. Projects will be completed using SolidWorks Design Software. Upon completion of this course students will be able to develop detailed working drawings, assembly drawings and various 3D renderings for presentations. Students will design projects that are typical in the study of Machine Tool Design, Automotive Engineering, Mechatronics and Aerospace Engineering. Units covered include shop processes, welding drawings, sheet metal fabrication, geometric dimensioning and tolerancing, product development, and industrial design concepts. Students may be eligible to participate in cooperative work experiences or apprenticeships arranged by the instructor and job placement coordinator.

— BUSINESS MANAGEMENT & INFO TECHNOLOGY —

ENTREPRENEURSHIP (5400)  
1 Unit  Grades: 12, 11, 10  
Prerequisite: None

Students will gain an understanding of what is involved in starting, running, and maintaining a profitable business. Students will design marketing materials, create a business plan, create projects, and write research papers utilizing Microsoft Office and the Internet. Students will also prepare presentations (based on their readings and research), that they will present to the class. Skills learned in this course will prepare students for the future of their choice, whether it be self-employment, employment by a company, or college.

Skills necessary to be successful in this course include: Computer (Microsoft Word, Excel, PowerPoint, Publisher, Internet Research); Public Speaking & Presentation (speaking in front of the class and presenting projects often); Math (calculating costs, profit, losses, labor); Keyboarding (daily use of computers); Writing (research projects, business plan); Reading (independent reading of articles in magazines, online, and handouts); Determination; Strong Willingness to Work; Positive Attitude.

WEB DESIGN 1 (5031)*  
1 Unit  Grades: 12, 11, 10  
Prerequisite: None

Students will use computers daily to learn the basics of web design. HTML, Adobe Fireworks, and Adobe Dreamweaver will be utilized to complete assigned projects. Students are expected to design basic, professional websites that meet client expectations. An electronic portfolio will be maintained for future use if students need personal work to submit to colleges and/or future employers.

Skills necessary to be successful in this course include: Computer (computers are used daily to complete projects); Keyboarding (use of notepad for typing code and website content); Design (layout designs, color schemes, image editing, banner creations, logon design, and other website content); Reading (following written directions explaining how to do something); Writing (writing content for web pages); Grammar & Spelling (accurate grammar and spelling on all web pages)

— HEALTH SCIENCE —

* Students may only take 1 level per school year for each of these programs: Sports Medicine

SPORTS MEDICINE 1 (5555)  
1 Unit  Grades: 10, 11  
Prerequisite: None

Sports Medicine 1 emphasizes sports medicine career exploration and the prevention of athletic injuries, including the components of exercise science, kinesiology, anatomy, principles of safety, first aid, cardiopulmonary resuscitation (CPR), and AED use. Subject matter also includes legal issues, members of the sports medicine team, nutrition, protective sports equipment, environmental safety issues, principles of taping and wrapping, mechanisms of injury, and application of other sports medicine concepts. Students interested in healthcare careers in athletic training, physical therapy, medicine, exercise physiology, nursing, biomechanics, nutrition, psychology, and radiology will benefit from this course.

SPORTS MEDICINE 2 (5556)  
1 Unit  Grades: 11, 12  
Prerequisite: 75% in Sports Medicine 1

Sports Medicine 2 emphasizes the recognition and care of common injuries and illnesses sustained by a physically
HEALTH SCIENCE 1 (5550)
1 Unit Grades: 9, 10
Prerequisite: None
Health Science 1 is the first of four courses offered to students interested in pursuing a career in the healthcare field. Students are introduced to healthcare history, careers, law and ethics, cultural diversity, healthcare language and math, infection control, professionalism, communication, basics of the organization of healthcare facilities, and types of healthcare insurance.

HEALTH SCIENCE 2 (5551)
1 Unit Grades: 10, 11
Prerequisite: 75% in Health Science 1 or Sports Medicine 1 or Athletic Training/Sports Medicine 1
Health Science 2 focuses on therapeutic, diagnostic, health informatics, support services, and biotechnology research and development pathways of a health science career cluster. The course is designed to develop healthcare specific knowledge and skills, both academic and technical skills, all of which are necessary for transitioning to clinical or work-based experiences in healthcare. The foundational standards incorporate anatomy and physiology, medical terminology, communication, healthcare systems and teams, health science career research, legal and ethical practice, safety, health and wellness. *This course is a prerequisite for Health Science Clinical Studies.

HEALTH SCIENCE 3 (5552)
1 Unit Grades: 10, 11, 12
Prerequisite: 75% in Health Science 1 or Sports Medicine 1 or Athletic Training/Sports Medicine 1
Note: Can be taken "out of sequence" with other H.S.
This course is designed to provide for the development of multi-occupational healthcare providers. This course introduces a fundamental survey of the human anatomy and physiology. This course will incorporate the study of anatomy, physiology, diseases, diagnostics, therapies, prevention, rehabilitation and interventions. Students will have hands-on experiences that will expand and further their knowledge of the human body and the role of the healthcare provider. This survey of human anatomy provides a valuable foundation and resource to any student planning on entering the healthcare field and/or pursuing advanced education in health science.

AHS 102 - MEDICAL TERMINOLOGY FOR THE HEALTHCARE PROFESSIONAL (5540)
1 Unit Grades: 12, 11
Partner: Spartanburg Community College (SCC)
Prerequisite: None
Required: 3.0 GPA, $60 Dual Credit Enrollment Fee
This course is designed to develop in the student a working knowledge of the language of medicine. Students will acquire word-building skills by learning prefixes, suffixes, word-roots, and abbreviations. Utilizing a body systems approach, the student will define, interpret, and pronounce medical terms relating to the structure and function of the human body, pathology, diagnosis, clinical procedures, and interventions. Medical terminology enhances both written and oral communication skills. Knowledge of medical terminology enhances a student’s ability to successfully secure employment or pursue advanced education in health science. Students must take the Dual Credit option for this course through Spartanburg Community College.

HEALTH SCIENCE CLINICAL STUDIES (NURSE AIDE TRAINING / CLINICAL EXPERIENCE (5560)
2 Units Grade: 12
Prerequisite: 75% in Health Science 2; 75% in Health Science 3 or one of the following substitution courses: PLTW Human Body Systems, AHS 102 - Medical Terminology, AP Biology, Anatomy/Physiology
Required: Course Fee (STBA): SLED Background Check and Drug Screening; Read the following for more detail: Required course costs will include: (1) Uniforms, (2) Certification exam (est. $101 - RDA will pay this fee as long as certification funds are provided from the SDE), (3) Immunizations - two-step TB test, (4) Transportation to and from clinical sites, (5) Name badge ($5), (6) Flu shot.
Two step TB test - Results submitted first week of class; Student must possess a discipline record free of assault/battery charges and theft charges; Student cannot have plead guilty to or been found guilty of a felony; Student must present a complete list of immunizations during the first week of class; Student must have a Social Security Card.
*SLED check and drug screen are required for entrance into this course. This is a requirement for the medical associated facility where the clinical component is completed. All costs associated with these tests are paid for by R.D. Anderson and are confidential.
This senior level course provides the opportunity for the health care student to obtain the theory and clinical experience necessary to meet the requirements to test for the SC Nurse Aide Competency Evaluation and become a certified nursing assistant. The student will participate in both classroom instruction and laboratory practice to develop the necessary skills to become a paraprofessional in healthcare and complete a clinical rotation at a local long term care facility, during which time the student will provide total care for patients, from assisting with meals to bathing, etc. In addition to obtaining certification as a nursing assistant, the student may have an opportunity to shadow other areas of healthcare to include physical therapy, nursing and social services. The students will also complete a personal portfolio and service learning hours. Discipline which results in OSS may prevent the student from participation in the clinical component or completion of the class. All students are required to take the South Carolina Nurse Aide Competency Evaluation Exam at the completion of the course.
— HOSPITALITY & TOURISM —

Students may only take 1 level per school year for each of these programs: Culinary Arts (includes Baking & Pastry)

CULINARY ARTS 1 (5720)
2 Units Grades: 11, 10
Prerequisite: None
Required: ServSafe Food Handler Certification (paid by RDA)

This semester course will introduce students to a variety of cooking methods. Emphasis will be on customer service strategies, developing strong work ethics, demonstrating skills when using utensils, tools, and equipment, organizing food service operations, preparing nutritious dishes/meals and exploring employment opportunities. Students will develop skills in knife, tool and equipment handling. Students will learn to prepare eggs, dairy products, hot and cold sandwiches, various salads, dips, condiments, garnishes and hors d’oeuvres. Students will demonstrate a variety of cooking methods including roasting, baking, broiling, smoking, grilling, sautéing, frying, deep frying, braising, stewing, poaching, steaming, woking, convection, microwaving and/or other emerging technologies.

CULINARY ARTS 2 (5721)
2 Units Grades: 12, 11
Prerequisite: 80% in Culinary Arts 1
Required: ServSafe Food Handler Certification (paid by RDA)

This semester course will expand on the techniques and skills mastered in Culinary Arts I. This is an advanced course that prepares the serious culinary student for gainful employment and/or entry into post-secondary education. Students will learn how to perform front of the house duties, demonstrate appropriate worker attitudes and behaviors, explain the specific use of dining utensils, clean and sanitize supplies and equipment, explain food safety procedures. Students will prepare potatoes, legumes and grains, pasta and dumplings, bakery products, yeast breads, quick breads, cookies and cakes, pastries, pies, fruits, vegetables, dessert sauces, creams, fruit desserts and tortes. Students will also prepare poultry, fish, shellfish, meat, stocks, soups and sauces. Students will do this through an exploration of world cuisines. This study will include history and culture, as they pertain to cuisine development. Basic food costing, management, inventory, purchasing, and table service will be emphasized. Students will also take the ServSafe Managers Course and test for certification.

BAKING & PASTRY (5723)
2 Units Grades: 12, 11
Prerequisite: 80% in Culinary Arts 1
Required: ServSafe Food Handler Certification (paid for by RDA)

Baking and Pastry for secondary students is a course that provides students an opportunity to develop foundational skills needed as an introduction for a seamless transition to a postsecondary program, workforce, or military. Students will develop advanced skills in safety and sanitation in addition to management and professionalism. Specialized content includes units on formulas and techniques, basic baking principles, specialized dietary baking, breads, desserts and pastries, and advanced techniques for specialty cakes, confections, piping, plate presentation, and flavor pairing. Concepts are aligned with competencies from the American Culinary Federation Education Foundation assessment, ACF Retail Commercial Baking Certification. Students will also take the ServSafe Managers Course and test for certification.

— HUMAN SERVICES —

COSMETOLOGY 1A, 1B, 2A, & 2B (6150, 6151, 6152, 6153)
2 Units/Semester/Year Grades: 11 & 12

This is a 2-year program
Students must be in 11th grade to begin program
Prerequisite: Students must maintain an overall average of 75% and earn 500 hours in Cosmetology 1A/1B in order to continue in program.

Required: Course Fees ($450 for Cosmetology Kit - paid during Junior year; $175 for State Board Exam - paid during Senior year - RDA will pay Board Exam fee as long as certification funds are provided from the SDE); Copy of Social Security Card and state-issued photo ID on file - provided before beginning the program (for state licensing requirements)

The Cosmetology program is designed to train the student in the selection and use of beauty products and equipment, hygiene and sanitation, ethical and legal requirements, and manipulative skills performed in the salon. Over the two-year period, students will become involved in classroom and practical training, enabling students to take the theory and practical examination by the South Carolina State Board of Cosmet Art Examiners in the spring of their senior year to become licensed cosmetologists. Not only will students learn to cut and style hair, but they will also learn to perform facials, manicures, special conditioning treatments, permanent waving, chemical relaxing, hair color and bleach, plus other chemistry.

The Cosmetology program is a full two-year program. Students must attend RDA for 1/2 day all year long as a junior (Cosmetology 1) and as a senior (Cosmetology 2).

BARBER/MASTER HAIR CARE 1A, 1B, 2A, & 2B (6150, 6151, 6152, 6153)
2 Units/Semester/Year Grades: 11 & 12

This is a 2-year program
Students must be in 11th grade to begin program
Program meets at New Spartanburg County Master Skills Center

Prerequisite: Students must maintain an overall average of 70% and earn 500 hours in Barber/Master Hair Care 1A/1B in order to continue in program.

Required: Course Fees ($450 for Barber Kit - paid during Junior year; $175 for State Board Exam - paid during Senior year - Master Skills Center will pay Board Exam fee as long as certification funds are provided from the SDE); Copy of Social Security Card and state-issued photo ID on file - provided before beginning the program (for state licensing requirements)

The Barber/Master Hair Care program prepares individuals for licensure as professional barbers at various levels. Students will learn to do the following: cut and dress hair, shave and trim facial/neck hair and beards, fit hairpieces, give facial and scalp massages, and apply cosmetic treatments. Instructional topics covered include: facial shaving, beard/mustache shaping and trimming, shampooing, hair cutting, hair styling, styling, facial treatments and massages, chemical applications, hair and scalp anatomy/physiology,
hair and safety, customer service, and shop business practices.

The Barber/Master Hair Care program is a full two-year program. Students must attend the Spartanburg County Master Skills Center for 1/2 day all year long as a junior (Barber/Master Hair Care 1) and as a senior (Barber/Master Hair Care 2).

— ARCHITECTURE & CONSTRUCTION —

CARPENTRY 1 (6091)
1 Unit Grades: 9, 10, 11
Prerequisite: None
This course that prepares the student for an entry-level position in the construction field. This course is centered around safety on the job site, basic skills needed in the construction field, and the use of hand and power tools. Students will be introduced to basic small project construction. Students will also engage in framing activities with wall sections and roofing techniques while constructing small buildings for public sale.

CARPENTRY 2 (6092)
1 Unit Grades: 12, 11, 10
Prerequisite: 75% in Carpentry 1
This course is the second level of the Carpentry program. Students will learn advanced frame carpentry techniques, finish work, door hanging, installation of moldings, wall sections, and concrete reinforcement. They will learn to work with advanced blueprint reading, woodworking, and cabinetmaking. Students in this course may be eligible for cooperative education.

CARPENTRY 3 (6093)^
2 Units Grades: 12, 11
Prerequisite: 80% in Carpentry 2
This one-semester course is the final level of the Carpentry program. Students will learn advanced cabinetry skills and deal with the business aspects of construction in more detail. Students will also be expected to take a leadership role in the day-to-day activities of the class. This includes estimation of material, pricing of material, and foreman responsibilities within the shop setting.

HVAC TECHNOLOGY 1 (6003)
2 Units per Semester Grades: 12, 11, 10
Program meets at New Spartanburg County Master Skills Center
Prerequisite: None
This program provides students a basic knowledge of air conditioning systems, heating systems, and refrigeration. Instructional topics covered include: basic electricity, electronics, refrigerant recovery, automotive air conditioning systems, and pneumatic controls. Students who successfully complete required competencies will have the opportunity to participate in cooperative work experiences.

HVAC TECHNOLOGY 2 (6004)
2 Units per Semester Grades: 12, 11
Program meets at New Spartanburg County Master Skills Center
Prerequisite: 75% in HVAC Technology 1
HVAC Technology 2 is a continuation and enhancement of HVAC Technology 1 with more opportunities for work-based learning.

— LAW, PUBLIC SAFETY, CORRECTIONS, & SECURITY —

FIRE FIGHTER 1 (6514)
1 Unit Grades: 9, 10, 11
Prerequisite: None
This course is designed to teach entry-level requirements of firefighting and EMS. This course will cover NFPA (National Fire Protection Association) standards 1152 and 1153, which are requirements to be a firefighter in South Carolina. Students will participate in many hands-on drills using actual firefighting/EMS equipment in addition to classroom instruction. Students will be required to wear personal protective equipment and participate in physically demanding exercises.

FIRE FIGHTER 2 (6515)
1 Unit Grades: 10, 11, 12
Prerequisite: 75% in Fire Fighter 1
This course is a continuation of Fire Fighter 1. This course will focus on more advanced firefighting and EMS techniques using classroom instruction and hands-on drills. Students will learn strategic planning methods and operations that are applied in the fire service. Students will have the opportunity to earn Firefighter 1 Certification. This certification includes: First Aid CPR, Haz-Mat Awareness, Haz-Mat Operations, Auto Extrication, and Firefighter 1. Students will be required to wear personal protective equipment and participate in physically demanding exercises. Students will be prepared to enter co-op experiences and work at local Fire Departments upon completion of standards and requirements.

Students who successfully complete Firefight 1 & 2 will earn Firefighter 1 Certification from SC Fire Academy pending meeting seat time requirements.
FIRE FIGHTER 3 (6590)  
Work-Based Credit  
2 Units per Semester or Year  
Grades: 11, 12  
Prerequisite: 80% in Firefighter 2; Must also have a Fire Department Sponsor (with Fire Chief's signature on form)  
Student must have successfully completed Fire Fighter 2 to be eligible. Student must have a Fire Department Sponsor and transportation to travel daily to the fire department. Fire Chief to sign the RDA form for entrance into program.  

LAW ENFORCEMENT SERVICES 1 (6510)  
1 Unit  
Grades: 9, 10, 11  
Prerequisite: None  
Law Enforcement 1 is an introductory course designed to teach entry-level requirements of a police officer. Instruction includes classroom lecture, demonstrations, and hands-on drills. Students learn the duties and responsibilities of the police, courts, and corrections. Other topics include the historical development of the system and the study of landmark Supreme Court decisions that impact criminal justice. Students participate in demonstrations of arrest techniques, simulated low-risk traffic stop procedures to gain an understanding of common departmental policy/procedures. Students learn and demonstrate ethics, safety and management skills consistent with law enforcement. Students are required to participate in physical exercises and wear a designated uniform on dates determined by the instructor.  

LAW ENFORCEMENT SERVICES 2 (6511)  
2 Units  
Grades: 10, 11, 12  
Prerequisite: 80% in Law Enforcement Services 1  
Law Enforcement 2 is a continuation of Law Enforcement 1, focusing on more advanced police officer techniques. Instruction includes classroom lecture, demonstrations, and hands-on drills. Students learn report writing, felony traffic stops, testifying in court, and other procedures. Students have the opportunity to become CPR-certified in this course. Guest speakers from the law enforcement field will speak to students about their professions. Students are required to wear a uniform and to participate in physical exercise. Students may have an opportunity for co-op work experience during this course.  

MACHINE TOOL TECHNOLOGY 1 (6230)  
1 Unit  
Grades: 9, 10, 11  
Prerequisite: None  
Recommended: 80% in Algebra I (or Intermediate Algebra)  
This semester class is designed to introduce students to the high-wage, high-skill field of manufacturing and repairing metal parts. This class lets students investigate and experiment with the fields of metal manufacturing such as racecar fabricating, engine building, and mold and die manufacturing. The students will learn safety skills, measurement units, and math skills used by machinists. They will also learn layout procedures, blueprint reading, hand-tool skills, and basic operations on drill presses, engine lathes and milling machines. The successful student will be prepared to continue more advanced technical studies in Machine Tool Technology 2.  

MACHINE TOOL TECHNOLOGY 2 (6231)  
2 Units  
Grades: 10, 11, 12  
Prerequisite: 80% in Machine Tool Technology 1  
This semester-long class takes students deeper in operations and set-ups of engine lathes, milling machines, surface grinders, and computerized numeric controlled (CNC) machines.  

MACHINE TOOL TECHNOLOGY 3 (6232)  
2 Units for 2 Semesters (Year-long)  
Grades: 11, 12  
Prerequisite: 85% in Machine Tool Technology 2  
Machine Tool 3 is for students who are successful in completing previous levels and wish to pursue a job and/or career in machining. This course is a year-long course (4 units). Students receive one semester of instruction focused on CNC operation & skill development and another semester focused on training advanced manufacturing practices. School to work training experiences are an integral part of completing this program and students will be expected to enter co-op positions.  

MACHINE TOOL TECHNOLOGY 4 (6233)  
Work-Based Credit  
2 Units per Semester or Year  
Grade: 12  
Prerequisite: 90% in Machine Tool Technology 3; Must also have a Company Sponsor  
Machine Tool 4 is designed for Seniors who have completed Machine Tool 3. Students must have a company sponsor. This course can be taken as a semester course for 2 units or all year for 4 units. *Co-op and School to work training experiences cannot be “guaranteed” and are influenced by the economy and the availability of such training experiences in the area. Should a student lose the company sponsorship, the student will be removed from the course.  

WELDING 1 (6340)  
2 Units  
Grades: 11, 10  
Prerequisite: None  
Dress Code: Student must provide all protective clothing, including leather boots/work shoes, long-sleeve denim shirt, jeans, or coveralls  
This semester course covers welding trade theory including safety, tool usage, equipment set-up, standard terminology, and basic welding and cutting techniques. In the lab, students observe demonstrations and obtain experience in both gas and arc welding. Instructional topics include: SMAW Welding, Industry GMAW Welding (MIG), GTAW Welding (TIG), Blueprint Reading, Planning and Estimation. Students also begin learning basic metal fabrication skills using various metal working equipment. Equipment such as plate rolls, hydraulic press brake, and structural rolls. Metal identification shapes and sizes will also be taught.  

WELDING 2 (6341)  
2 Units  
Grades: 12, 11  
Prerequisite: 85% in Welding 1  
Dress Code: Student must provide all protective clothing, including leather boots/work shoes, long-sleeve denim shirt, jeans, or coveralls  
Welding 2 students enhance their skills in Stick, MIG and TIG welding on various types of steel. Concentration is on position welds: flat, horizontal, vertical, and overhead. SMAW, GTAW, GMAW, and FCAW on bead building and joint welds. This course emphasizes accuracy of measurements, basic line and views on prints, and math used in welding. Students complete selected projects for fabrication and layouts with assembly.
These programs: Auto Collision Repair, Auto Technology.

opportunities to work with partnering companies.

independently and in groups. Successful students may have

programming with robots and other automated equipment using

and troubleshooting, technical document writing, and advanced

mechanical and electrical components of industrial equipment.

refining skills needed to maintain, service, and repair various

hydraulics and pneumatics, robotics and automated controls,

applications. Mechatronics technicians are trained to master

programmable logic controllers, process control and mechanical

as an introduction to pipe welding, SMAW and GTAW.

These skills align with current needs of manufacturers as well as state standards. Instruction covers hydraulics and pneumatics, robotics and automated controls, programmable logic controllers, process control and mechanical applications. Mechatronics technicians are trained to master the skills necessary to install, maintain and repair sophisticated manufacturing equipment. Instruction covers hydraulics and pneumatics, robotics and automated controls, programmable logic controllers, process control and mechanical applications.

Prerequisite: 75% in Algebra I (or Intermediate Algebra)

Combining electronic, mechanical, robotics and information system technologies, this course provides students with the skill set needed for today’s automated manufacturing facilities. Students are introduced to Ohm’s Law and how it applies to the Mechatronics field. These skills align with current needs of manufacturers as well as state standards. Instruction covers hydraulics and pneumatics, robotics and automated controls, programmable logic controllers, process control and mechanical applications. Mechatronics technicians are trained to master the skills necessary to install, maintain and repair sophisticated manufacturing equipment. Instruction covers hydraulics and pneumatics, robotics and automated controls, programmable logic controllers, process control and mechanical applications.

Prerequisite: 80% in Mechatronics 1

This course is a continuation of Mechatronics 1. It emphasizes refining skills needed to maintain, service, and repair various mechanical and electrical components of industrial equipment. There are heavy areas of concentrated study in problem solving and troubleshooting, technical document writing, and advanced programming with robots and other automated equipment using programmable logic controllers. Students are required to work independently and in groups. Successful students may have opportunities to work with partnering companies.

WELDING 3 (6342)^

2 Units Grades: 10, 11
Prerequisite: 85% in Welding 2
Dress Code: Student must provide all protective clothing, including leather boots/work shoes, long-sleeve denim shirt, jeans, or coveralls

Welding 3 focuses on advanced welding and cutting techniques. Students concentrate on fillet and groove position welds and conforming to AWS welding codes. Students learn to identify weld defects, determine weld sizes, read prints, and identify weld symbols. Students complete individual and group projects as an introduction to pipe welding, SMAW and GTAW.

MECHATRONICS 1 (6210)

1 Unit Grades: 9, 10, 11
Prerequisite: 75% in Algebra I (or Intermediate Algebra)

Combining electronic, mechanical, robotics and information system technologies, this course provides students with the skill set needed for today’s automated manufacturing facilities. Students are introduced to Ohm’s Law and how it applies to the Mechatronics field. These skills align with current needs of manufacturers as well as state standards. Instruction covers hydraulics and pneumatics, robotics and automated controls, programmable logic controllers, process control and mechanical applications. Mechatronics technicians are trained to master the skills necessary to install, maintain and repair sophisticated manufacturing equipment. Instruction covers hydraulics and pneumatics, robotics and automated controls, programmable logic controllers, process control and mechanical applications.

MECHATRONICS 2 (6211)

2 Units Grades: 12, 11, 10
Prerequisite: 80% in Mechatronics 1

This course is a continuation of Mechatronics 1. It emphasizes refining skills needed to maintain, service, and repair various mechanical and electrical components of industrial equipment. There are heavy areas of concentrated study in problem solving and troubleshooting, technical document writing, and advanced programming with robots and other automated equipment using programmable logic controllers. Students are required to work independently and in groups. Successful students may have opportunities to work with partnering companies.

— TRANSPORTATION, DISTRIBUTION, & LOGISTICS —

! Students may only take 1 level per school year for each of these programs: Auto Collision Repair, Auto Technology.

AUTO COLLISION REPAIR 1 (6020)

1 Unit Grades: 10, 11
Prerequisite: None

Automotive Collision 1 is a one-period, one semester course which introduces students to the high-skill world of auto collision repair. Students are taught beginning-level refinishing preparation and application which includes shop safety, environmental concerns, spray gun set-up, adjustment and testing. Application of single-stage, base-coat, and tri-stage paint systems are included. Students will also learn how to repair flexible and rigid plastics. Detailing interiors and exteriors (color sanding and buffing) and introduction to structural repair are taught in this course. Students will be trained using current I-CAR curriculum and standards.

AUTO COLLISION REPAIR 2A/2B (6021, 6022)

4 Units for 2 Semesters (Year-long) Grades: 12, 11
Prerequisite: 85% in Auto Collision Repair 1
Dress Code: Student must provide coveralls

This two-semester course completes the ACR program at RDA. Students develop skills in sheet metal straightening, sheet metal replacement, and structural measuring. These skills include repairing small dents with body filler and preparation for primer, and removing and replacing hoods, deck lids, doors, and bumpers. Spring semester is dedicated to live repairs and a cooperative education program. Students must register for Automotive Collision Repair 2A and 2B in the same school year. It is double-blocked as a year-long course, taking up 2 units per semester for 2 semesters.

AUTO TECHNOLOGY 1 (6030)

2 Units Grades: 10, 11
Prerequisite: None

Automotive Technology 1 is a one-semester course which covers shop safety, proper tool usage, shop practices, vehicle, system identification, and environmental awareness. In addition, engine fundamentals, diagnosis, repair, and service.

AUTO TECHNOLOGY 2 (6031)

2 Units in Fall Semester Grades: 11, 12
Students must sign up for both Auto Technology 2 & Auto Technology 3 in the same school year
Prerequisite: 70% in Auto Technology 1

Automotive Technology 2 is a two-period (3rd-4th periods), first semester course. Students enrolled in this course will study: Brakes, Steering and Suspension (Alignments), and Engine Performance/Drivability. The majority of the student’s time will consist of practical hands-on application as specified by the SC Department of Career/Technical Education and NATEF (National Automotive Technicians Education Foundation) on live vehicles or trainers.

AUTO TECHNOLOGY 3 (6032)

2 Units in Spring Semester Grades: 11, 12
Students must sign up for both Auto Technology 2 & Auto Technology 3 in the same school year
Prerequisite: Enrollment in Auto Technology 2

Automotive Technology 3 is a two period, (3rd - 4th periods) second semester course. This course is open to all students enrolled in Auto Technology 2. This consists of either co-op at an approved facility or 100% structured lab time. In either case, students work on NATEF prescribed task.

LEADERSHIP THAT WORKS (3799)

1 Unit Grades: 9, 10, 11, 12
Prerequisite: None

This course is designed to polish student leaders and develop influencers, teaching students how to lead the world they work in. Focus is on developing workforce, leadership, and life skills through hands-on training, team activities, and discussion. Students gain leadership and character training, develop skills in teamwork, professionalism, improve communication skills (verbal, written, social media) attitude, service and learn how to develop and pursue personal goals for a bright future! Leadership that Works is the only course taught at RDA that does not count as an Occupational credit. It counts as an elective.
INSTRUCTIONS FOR ONLINE COURSE SELECTION: FOR RISING NINTH-GRADE STUDENTS ONLY


2. Log into your account using your user name and password. If you do not have a PowerSchool account, see your Guidance Counselor for an Access ID and Password. This information will allow you to set up an account when you click "Create Account" on this same page.

3. When you log in to your account, you will see many options on the main screen. You can check Grades, Attendance, and IGP Records (which will help you select classes). You will also see an option for Class Registration. Click this link.

4. On the Course Selection page, you will see many items related to choosing courses for next school year. At the bottom of the screen, you will see the total number of courses you will are asked to choose, depending on your grade level. There is a minimum and a maximum number of courses allowed.

5. Courses are divided among Departments, which follows the order of the Course guide. Comments underneath each Department Title help you make sure to select required courses. On the right side of the screen, Red Exclamation Marks note that the minimum number of courses from that Department have not been selected yet. Green Check Marks note that the minimum number of courses from that Department have been selected (which may even be zero).
6. Before moving on to select courses, make sure you check available resources for Graduation Requirements and Recommended Plans (Course guide, IGPs, advice from teachers and parents).

7. To select courses, click on the Pencil icon located on the right side of each Department. The Pencil icon is the Edit function. It will allow you to change selections at any point in time.

8. When you click on the Edit function for each Department, you will see a pop-up menu that contains all the courses linked to that Department for your grade level. There is a lot of information related to each course in this menu:

- In the first column, you see an open Check Box. To select a course, click on the box next to it.

- In the second and third column, you see the Course Name and Course Number. Look at your Course guide to make sure that you are selecting the right course(s).

- In the fourth column, you see the Credit awarded for that course.

- In the fifth column, you see any Prerequisite Notes that pertain to that course. If you do not meet the prerequisites for a course, you will not be able to sign up for it (even if you are able to check the open box next to it). Look at your Transcript to make sure that you meet the prerequisites for a course.

- In the last column, you see Alerts. Most often, an Alert is placed on a course when you have not received a Teacher Recommendation that is required as a prerequisite for that course.
9. At the bottom of each Department’s pop-up menu for courses, you will see a note that tells you the Minimum and Maximum number of courses that you must select from this Department.

10. When you are finished selecting courses for each Department, click Okay. You will see an automatic note of this course selection on the main Course Selection page.

11. If you need to change a selection, click the Edit (pencil) icon to the right of each Department. When you are finished selecting courses (including your 2 alternates), click Submit.

12. If your course selection is valid, you will receive a confirmation note.

- If there are errors within your course selection, you will receive a note that reads “Request Submission Failed.” Correct these errors. You will not be allowed to submit a final course request that contains errors.
- In order to prevent incomplete course request forms, PowerSchool does not allow you to save your progress on a course request and then return later for editing. This is not a great feature, but at least you can be aware of it ahead of time. Keep this in mind, as it may take a few attempts before your final submission is valid.

HELPFUL NOTES

• You must sign up for two Alternates. There is a high probability that Alternates will be put into your schedule if there is a schedule conflict. Choose Alternates with care. Alternates that are simply a repeat of courses that have already been requested will not be considered for placement.

• If you receive an Error message related to Prerequisites but feel that you meet the Prerequisites, speak with your teacher or counselor.

• There are many people at Dorman who are looking out for your best interests, but it is your primary responsibility to make sure you are enrolled in the courses that you need for Graduation and future college/career plans.

• At the end of the Course Selection process at your school, your course selection will be used to create a Course Request Form. This form will be used by Guidance Counselors to help you during follow-up steps.

• Choose your courses carefully. The types and number of courses that Dorman will offer next year and when those courses will be offered is based on student course requests from this registration. In other words, the master schedule for the entire school, including your individual schedule, is based on the course selection process. It may not be possible to make schedule changes after the end of the school year.
# Individual Graduation Plan (IGP) Worksheet

**Name:** ___________________________

**Current Grade:** 9  10  11  12

## School of Study:
- [ ] Arts, Humanities, & Communication
- [ ] Business Management & Information System
- [ ] Law & Public Service
- [ ] Engineering, Manufacturing & Industrial Technology
- [ ] Medicine & Human Services

**Cluster 1:** ______________________

- **Major #1** _______________________

**Cluster 2** (if applicable): __________

- **Major #2** _______________________

## Postsecondary Plans:

- Workforce/Apprenticeship _____
- Two-Year College/Technical Training _____
- Four-Year College _____
- Military _____

## Career Goal

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<tr>
<th>Year</th>
<th>English</th>
<th>Math</th>
<th>Science</th>
<th>Social Studies</th>
<th>World Language or Career Technology</th>
<th>Computer Science</th>
<th>Physical Education/Health or JROTC</th>
<th>Electives</th>
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<tr>
<td>9th</td>
<td>4 units required</td>
<td>4 units required (Algebra II and one higher level math required for 4-year colleges)</td>
<td>3 units required (EOC Biology plus two additional science units) (3 lab science units required for 4-year colleges)</td>
<td>3 units required (1 social studies elective unit; US History; Government/Economics)</td>
<td>1 unit required (2 World Language units required for 4-year college. 3 World Language units required for Clemson &amp; College of Charleston.)</td>
<td>1 unit required</td>
<td>1 unit required</td>
<td>7 units required (1 Fine Arts unit required for 4-year college)</td>
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## Notes

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**Student Signature** ___________________________ **Date** ___________

**Parent/Guardian Signature** ___________________________ **Date** ___________

**Counselor Signature** ___________________________ **Date** ___________