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 nurturing environment.
# Table of Contents

## General Information
- Graduation Requirement Guidelines ................................................................. 3
- Entrance Requirements for S.C. Public Colleges and Universities .......................... 4
- Planning Your Education ..................................................................................... 5
- Scheduling Procedure ......................................................................................... 5
- The Registration Process ................................................................................... 5
- Course Load ......................................................................................................... 5
- Grade Classification .......................................................................................... 5
- Requests for Course Changes / Withdrawing from a Course ................................ 5
- Retaking a Course ............................................................................................... 6
- Credit Recovery .................................................................................................. 6
- Summer School .................................................................................................. 6
- Converting Grades on Transcripts ...................................................................... 6
- R. D. Anderson Program .................................................................................... 6
- STEM ................................................................................................................. 6
- Advanced Placement Program (AP) .................................................................... 6
- Dual Credit ......................................................................................................... 6
- SC Assessments (Standardized Tests) ................................................................. 8
- Types of Diplomas ............................................................................................. 8
- South Carolina Merit Based Scholarships ......................................................... 9
- 10 Point Grading Scale ...................................................................................... 10

## Schools of Study
- Arts, Humanities & Communications ................................................................ 12-15
- Business Management & Information Systems .................................................. 16-18
- Engineering, Manufacturing & Industrial Tech. .................................................. 19-23
- Law & Public Service ........................................................................................ 24
- Medicine & Human Services ............................................................................ 25-28

## Course Information
- English Courses .................................................................................................. 30-32
- Math Courses .................................................................................................... 33-35
- PLTW Engineering Curriculum .......................................................................... 36
- PLTW Biomedical Science Curriculum ............................................................. 37
- Science Courses ............................................................................................... 38-41
- Social Studies Courses ..................................................................................... 41-44
- World Language Courses ................................................................................ 45-47
- Computer Science and Business ..................................................................... 47-48
- Family and Consumer Science Education ....................................................... 49-50
- Fine Arts Courses ............................................................................................ 51-54
- Physical Education / JROTC Courses .............................................................. 58-59
- Non-Departmental Electives .......................................................................... 60-61
- Dual Enrollment Courses ................................................................................. 62-63

## R. D. Anderson Applied Technology Center Courses
- 2018-2019 Course Descriptions ......................................................................... 64
- Agriculture, Food & Natural Resources ............................................................. 65-66
- Arts, A/V Technology & Communications ........................................................ 66-67
- Business, Management & Administration ......................................................... 67
- Health Science .................................................................................................. 67-69
- Hospitality & Tourism ....................................................................................... 69
- Human Services ................................................................................................ 69
- Architecture & Construction ............................................................................ 69-70
- Law, Public Safety, Corrections & Security ........................................................ 70
- Manufacturing ................................................................................................... 70-71
- Transportation, Distribution & Logistics ............................................................ 71-72
- General Elective ............................................................................................... 72

## Registration Materials
- Instructions for Student Online Registration (Rising Ninth-Graders Only) ............ 73-76
- Individual Graduation Plan (IGP) Worksheet ..................................................... 77
Dear Cavaliers:

We are very excited about what the future holds for you, and we look forward to making sure that we do everything we can to prepare you for the future of your choice. The Personal Pathway you have selected will determine the curriculum and courses that will be the best options for you. Please take time to talk to your parents, counselors, and teachers to make sure that your course selections are helping you achieve the personal goals you have set for yourself.

This course booklet will provide you with information on our five Schools of Study, graduation requirements, various program options, dual credit opportunities, R.D. Anderson courses, etc. This information will be very helpful in helping you to make the decision that is best for you. We look forward to helping you prepare for your future in a safe, challenging, and fun learning environment.

Sincerely,

Ken Kiser
Principal

Paul M. Dorman High School
1050 Cavalier Way
Roebuck, South Carolina 29376
Phone: 864-582-4347

Graduation Requirement Guidelines

<table>
<thead>
<tr>
<th>Subjects</th>
<th>SC Diploma Requirements</th>
<th>Dorman Academic Diploma</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>24 Units</td>
<td>27 Units</td>
</tr>
<tr>
<td>English/Language Arts</td>
<td>4 units</td>
<td>4 units</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4 units</td>
<td>4 units</td>
</tr>
<tr>
<td>Science +</td>
<td>3 units</td>
<td>3 units</td>
</tr>
<tr>
<td>US History &amp; Constitution</td>
<td>1 unit</td>
<td>1 unit</td>
</tr>
<tr>
<td>Economics</td>
<td>½ unit</td>
<td>½ unit</td>
</tr>
<tr>
<td>US Government</td>
<td>½ unit</td>
<td>½ unit</td>
</tr>
<tr>
<td>Other Social Studies</td>
<td>1 unit</td>
<td>1 unit</td>
</tr>
<tr>
<td>Physical Education or JROTC</td>
<td>1 unit</td>
<td>1 unit</td>
</tr>
<tr>
<td>Computer Science*</td>
<td>1 unit</td>
<td>1 unit</td>
</tr>
<tr>
<td>Occupational** OR World Language</td>
<td>1 unit</td>
<td>1 unit</td>
</tr>
</tbody>
</table>

+ One of the three Science units must be Biology.
* See section for eligible Computer Science courses.
** Occupational classes include classes offered at R. D. Anderson Applied Technology Center, as well as advanced computer, business technology, and vocational classes offered at Dorman High School.

Requirements may be subject to change pursuant to State Department of Education directives.
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.
Planning Your Education

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.

Course selection and student advisement take place throughout the school year, during both IGP conferences and tasks related to registration. Students are encouraged to choose courses carefully. Counselors meet with all students to review student transcripts, course requests, and academic plans.

Students are encouraged to carefully read the course guide. Course selections are scheduled based upon students’ requests, and students are randomly assigned to course sections. A student is not required to take a course under a teacher with whom he/she has failed during prior semesters. In addition, students are not allowed to take a course under a relative if another teacher is available.

Due to schedule conflicts and changes in course offerings, Dorman cannot guarantee that students will be scheduled for all the courses they request. Students should therefore choose alternate courses carefully, because they are considered part of the student’s final course selection.

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.

THE REGISTRATION 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 registration is conducted at your school. Rising 9th-graders will complete registration online when announced by your school by following the instructions on pages 73-76 of this book. Rising 10th-12th graders will complete registration 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 registration a little differently, so pay close attention to instructions you are given. The last date to request changes or make corrections is May 31, 2019. 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 does not yet have the qualifying credits for the 10th grade.

Sophomore/10th grade: All students who have earned credit for English I, a required mathematics course, and two other courses.

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 registration 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 specialized 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.
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
R. D. Anderson Applied Technology Center (RDA) offers many advanced occupational and technical courses to prepare students for real-world industry and higher education. These courses are taught on RDA's campus. More information about the RDA program can 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 eighth grade. Admission is based on teacher recommendations and test scores.

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 even 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 test scores, prerequisite course completions, and the completion of an application packet. Packets are available in Guidance.

Dual Enrollment options at Dorman can be found on pp. 62-63 of this course guide. Dual Enrollment options are also available in some tracks through RDA. Students should check with RDA for these options.

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.
SOUTH CAROLINA STANDARDIZED ASSESSMENTS

COURSEWORK ASSESSMENTS

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 examinations are given when the student completes one of the following courses: Algebra I (or Intermediate Algebra), Biology I, English I, and U.S. History & Constitution. The end-of-course exam will count for 20% of the student’s final grade in the course.

ENGLISH PROFICIENCY ASSESSMENTS

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.

PRE-COLLEGE ENTRANCE ASSESSMENTS

PSAT
The PSAT is a preparatory version of the SAT exam that assesses skills in reading and mathematics. At Dorman, Sophomores and Juniors have the option of taking the PSAT in the Fall. Juniors who elect to take the PSAT participate in the PSAT/NSMQT 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 ASSESSMENTS

Ready to Work (R2W) WIN
R2W WIN is an assessment that is administered to all Juniors in South Carolina (students in their third-year of high school). R2W WIN assesses readiness skills that employers believe are critical to job success. The high school version of the assessment tests Applied Mathematics, Reading for Information, and Locating Information. 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, and training opportunities.

COLLEGE ENTRANCE ASSESSMENTS

ACT (American College Test)
The ACT Assessment 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 I (Scholastic Aptitude Test)
The SAT I 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 I 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/.
TYPES OF DIPLOMAS

Students can earn different types of diplomas and diploma enhancements through their high school coursework. The information below describes requirements for diplomas awarded by the state of South Carolina (on gray background with the prefix "SC") as well as diplomas awarded locally by Spartanburg School District Six (on white background with the prefix "Dorman").

SC HIGH SCHOOL DIPLOMA

- For a student to receive a state high school diploma, the student must: (1) complete a minimum of twenty-four units of credit as prescribed by the state; (2) fulfill state attendance requirements.

- The prescribed unit requirements for a state high school diploma are as follows: language arts, four; math, four; science, three; U.S. history, one; economics one-half; U.S. government, one-half; other social studies, one; PE or JROTC, one; computer science, one; occupational or world language, one; and electives, seven.

SC ACADEMIC HONORS AWARD

- For a student to receive a South Carolina Academic Honors Award, the student must: (1) complete twenty-four units of high school credit as prescribed; (2) be eligible for graduation with a state high school diploma; (3) receive a minimum grade of “B” for each semester course in grades 9-12 through the seventh semester; and (4) achieve either a score of 710 on the SAT verbal, a score of 690 on the SAT math, a score of 30 or higher on the ACT English, or a score of 33 or higher on the ACT math; - OR – (1) complete twenty-four units of high school credit as prescribed; (2) be eligible for graduation with a state high school diploma; (3) receive a minimum grade of “B” for each semester course in grades 9-12 through the seventh semester; and (4) achieve a combined score of 1400 on the SAT verbal and math sections, or an ACT composite score of 31.

- Of the twenty-four units earned, eighteen units must be college preparatory coursework, four units in additional electives, and two units in one or more of the following: English, science, social studies, or mathematics.

- College preparatory coursework includes: English (English I or above), four units; mathematics (Algebra I or above), four units; laboratory science, three units; social studies (US History and Constitution, economics and US Government, and one unit of world history, world geography, or western civilization), three units; computer science, one unit; physical education, one unit; and world language, two units.

For more information on diploma requirements, visit https://ed.sc.gov/districts-schools/state-accountability/high-school-diploma/.

SC DIPLOMASEALSOFDISTINCTION

Beginning with the freshman Class of 2018-19, students have an opportunity to earn graduation Seals of Distinction within each high school diploma pathway that identifies a particular area of focus. At the time of publication, the most up-to-date information about this program was available in Section III of the memo at: https://ed.sc.gov/state-board/state-board-of-education/standards-learning-and-accountability-sla/sla-2018/sla-sept-2018/diploma-pathways-guidelines-attach9-11-18-pdf/

DORMAN ACADEMIC DIPLOMA

A student must earn twenty-seven units of credit. Students who receive a Dorman Academic Diploma will also receive the SC High School Diploma. The Dorman Academic Diploma is awarded by Spartanburg School District Six.

DORMAN OCCUPATIONAL CREDENTIAL

Students must be enrolled in a Life Skills Program and earn 24 credits in a combination of Life Skills, academic and vocational/employment courses. Based on Life Skills Curriculum standards, the Occupational Credential is awarded by Spartanburg School District Six.

DORMAN ATTENDANCE CERTIFICATE

Students must be enrolled in an ALT program and complete requirements as set forth by program administrators. Based on ALT program standards, the Attendance Certificate is awarded by Spartanburg School District Six.
South Carolina
Merit-Based Scholarships

These are provided in a tiered system to qualified South Carolina Residents, with the following requirements:

**Palmetto Fellows Scholarship** (towards a 4 year degree)  up to $7,500/year
- 1200 on SAT* or 27 on ACT
- 3.5 GPA and
- Top 6% of class (at the end of Sophomore, or Junior or Senior Year)
- Renewable with a 3.0 GPA and 30 hours
- Or 1400 on SAT* (CR and Math) or 32 on ACT and 4.0 GPA

*New: Math or Science majors may receive up to an additional $2,500 after successfully completing 14 hours of Math and Science courses in their Freshman year of college.*

**Life Scholarship** (towards a 4 year degree)  up to $5,000/year
At least two of the three following:
- 1100 on SAT* / 24 on ACT
- 3.0 GPA
- Top 30% of the class
- Renewable with a 3.0 GPA and 30 credit hours

*New: Math or Science majors may receive up to an additional $2,500 after successfully completing 14 hours of Math and Science courses in their Freshman year of college.*

*First-time entering Freshmen attending an eligible two-year or technical institution must earn a cumulative 3.0 GPA based on the SC UGP.*

**Hope Scholarship** (towards a 4 year degree)  up to $2,800/year
- 3.0 GPA
- Non-renewable. Students can qualify for a Life Scholarship with a 3.0 GPA after the first year of college (30 hours attained).

**Lottery Tuition Assistance**  up to $1,140/year
- Enrollment in a 2-year Technical College
- Minimum of 6 credit hours per semester
- Maintain a 2.0 GPA after 24 hours of credit

A complete explanation of all SC scholarships can be found at www.che.sc.gov or by calling (803) 737-2260.

### South Carolina Uniform Grading Policy

#### 10-point Grading Scale

<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>
<td>A</td>
<td>4.900</td>
<td>5.400</td>
<td>5.900</td>
</tr>
<tr>
<td>98</td>
<td>A</td>
<td>4.800</td>
<td>5.300</td>
<td>5.800</td>
</tr>
<tr>
<td>97</td>
<td>A</td>
<td>4.700</td>
<td>5.200</td>
<td>5.700</td>
</tr>
<tr>
<td>96</td>
<td>A</td>
<td>4.600</td>
<td>5.100</td>
<td>5.600</td>
</tr>
<tr>
<td>95</td>
<td>A</td>
<td>4.500</td>
<td>5.000</td>
<td>5.500</td>
</tr>
<tr>
<td>94</td>
<td>A</td>
<td>4.400</td>
<td>4.900</td>
<td>5.400</td>
</tr>
<tr>
<td>93</td>
<td>A</td>
<td>4.300</td>
<td>4.800</td>
<td>5.300</td>
</tr>
<tr>
<td>92</td>
<td>A</td>
<td>4.200</td>
<td>4.700</td>
<td>5.200</td>
</tr>
<tr>
<td>91</td>
<td>A</td>
<td>4.100</td>
<td>4.600</td>
<td>5.100</td>
</tr>
<tr>
<td>90</td>
<td>A</td>
<td>4.000</td>
<td>4.500</td>
<td>5.000</td>
</tr>
<tr>
<td>89</td>
<td>B</td>
<td>3.900</td>
<td>4.400</td>
<td>4.900</td>
</tr>
<tr>
<td>88</td>
<td>B</td>
<td>3.800</td>
<td>4.300</td>
<td>4.800</td>
</tr>
<tr>
<td>87</td>
<td>B</td>
<td>3.700</td>
<td>4.200</td>
<td>4.700</td>
</tr>
<tr>
<td>86</td>
<td>B</td>
<td>3.600</td>
<td>4.100</td>
<td>4.600</td>
</tr>
<tr>
<td>85</td>
<td>B</td>
<td>3.500</td>
<td>4.000</td>
<td>4.500</td>
</tr>
<tr>
<td>84</td>
<td>B</td>
<td>3.400</td>
<td>3.900</td>
<td>4.400</td>
</tr>
<tr>
<td>83</td>
<td>B</td>
<td>3.300</td>
<td>3.800</td>
<td>4.300</td>
</tr>
<tr>
<td>82</td>
<td>B</td>
<td>3.200</td>
<td>3.700</td>
<td>4.200</td>
</tr>
<tr>
<td>81</td>
<td>B</td>
<td>3.100</td>
<td>3.600</td>
<td>4.100</td>
</tr>
<tr>
<td>80</td>
<td>B</td>
<td>3.000</td>
<td>3.500</td>
<td>4.000</td>
</tr>
<tr>
<td>79</td>
<td>C</td>
<td>2.900</td>
<td>3.400</td>
<td>3.900</td>
</tr>
<tr>
<td>78</td>
<td>C</td>
<td>2.800</td>
<td>3.300</td>
<td>3.800</td>
</tr>
<tr>
<td>77</td>
<td>C</td>
<td>2.700</td>
<td>3.200</td>
<td>3.700</td>
</tr>
<tr>
<td>76</td>
<td>C</td>
<td>2.600</td>
<td>3.100</td>
<td>3.600</td>
</tr>
<tr>
<td>75</td>
<td>C</td>
<td>2.500</td>
<td>3.000</td>
<td>3.500</td>
</tr>
<tr>
<td>74</td>
<td>C</td>
<td>2.400</td>
<td>2.900</td>
<td>3.400</td>
</tr>
<tr>
<td>73</td>
<td>C</td>
<td>2.300</td>
<td>2.800</td>
<td>3.300</td>
</tr>
<tr>
<td>72</td>
<td>C</td>
<td>2.200</td>
<td>2.700</td>
<td>3.200</td>
</tr>
<tr>
<td>71</td>
<td>C</td>
<td>2.100</td>
<td>2.600</td>
<td>3.100</td>
</tr>
<tr>
<td>70</td>
<td>C</td>
<td>2.000</td>
<td>2.500</td>
<td>3.000</td>
</tr>
<tr>
<td>69</td>
<td>D</td>
<td>1.900</td>
<td>2.400</td>
<td>2.900</td>
</tr>
<tr>
<td>68</td>
<td>D</td>
<td>1.800</td>
<td>2.300</td>
<td>2.800</td>
</tr>
<tr>
<td>67</td>
<td>D</td>
<td>1.700</td>
<td>2.200</td>
<td>2.700</td>
</tr>
<tr>
<td>66</td>
<td>D</td>
<td>1.600</td>
<td>2.100</td>
<td>2.600</td>
</tr>
<tr>
<td>65</td>
<td>D</td>
<td>1.500</td>
<td>2.000</td>
<td>2.500</td>
</tr>
<tr>
<td>64</td>
<td>D</td>
<td>1.400</td>
<td>1.900</td>
<td>2.400</td>
</tr>
<tr>
<td>63</td>
<td>D</td>
<td>1.300</td>
<td>1.800</td>
<td>2.300</td>
</tr>
<tr>
<td>62</td>
<td>D</td>
<td>1.200</td>
<td>1.700</td>
<td>2.200</td>
</tr>
<tr>
<td>61</td>
<td>D</td>
<td>1.100</td>
<td>1.600</td>
<td>2.100</td>
</tr>
<tr>
<td>60</td>
<td>D</td>
<td>1.000</td>
<td>1.500</td>
<td>2.000</td>
</tr>
<tr>
<td>59</td>
<td>F</td>
<td>0.900</td>
<td>1.400</td>
<td>1.900</td>
</tr>
<tr>
<td>58</td>
<td>F</td>
<td>0.800</td>
<td>1.300</td>
<td>1.800</td>
</tr>
<tr>
<td>57</td>
<td>F</td>
<td>0.700</td>
<td>1.200</td>
<td>1.700</td>
</tr>
<tr>
<td>56</td>
<td>F</td>
<td>0.600</td>
<td>1.100</td>
<td>1.600</td>
</tr>
<tr>
<td>55</td>
<td>F</td>
<td>0.500</td>
<td>1.000</td>
<td>1.500</td>
</tr>
<tr>
<td>54</td>
<td>F</td>
<td>0.400</td>
<td>0.900</td>
<td>1.400</td>
</tr>
<tr>
<td>53</td>
<td>F</td>
<td>0.300</td>
<td>0.800</td>
<td>1.300</td>
</tr>
<tr>
<td>52</td>
<td>F</td>
<td>0.200</td>
<td>0.700</td>
<td>1.200</td>
</tr>
<tr>
<td>51</td>
<td>F</td>
<td>0.100</td>
<td>0.600</td>
<td>1.100</td>
</tr>
<tr>
<td>0-50</td>
<td>F</td>
<td>0.000</td>
<td>0.000</td>
<td>0.000</td>
</tr>
<tr>
<td>50</td>
<td>WF</td>
<td>0.000</td>
<td>0.000</td>
<td>0.000</td>
</tr>
<tr>
<td>50</td>
<td>FA</td>
<td>0.000</td>
<td>0.000</td>
<td>0.000</td>
</tr>
<tr>
<td>-</td>
<td>WP</td>
<td>0.000</td>
<td>0.000</td>
<td>0.000</td>
</tr>
<tr>
<td>-</td>
<td>P</td>
<td>0.000</td>
<td>0.000</td>
<td>0.000</td>
</tr>
<tr>
<td>-</td>
<td>NP</td>
<td>0.000</td>
<td>0.000</td>
<td>0.000</td>
</tr>
<tr>
<td>-</td>
<td>AU</td>
<td>0.000</td>
<td>0.000</td>
<td>0.000</td>
</tr>
</tbody>
</table>

*Effective August 15, 2016*
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 middle school 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 Career Major at Dorman. Completing a Major at Dorman will earn a student a cord for graduation. Some Majors are for programs that hold the additional distinction of being state-recognized Career and Technology Education (CATE) programs.
### Advanced Placement / Interdisciplinary Major

The Advanced Placement/Interdisciplinary Major provides Arts and Humanities students with general education classes that will apply to any college major.

#### Required Courses for Major

You must complete at least 5 units of credit from this row to receive a cord for this major at graduation.

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Art History</td>
</tr>
<tr>
<td>AP European History</td>
</tr>
<tr>
<td>AP Human Geography</td>
</tr>
<tr>
<td>AP English Language</td>
</tr>
<tr>
<td>AP English Literature</td>
</tr>
<tr>
<td>AP Music Theory</td>
</tr>
<tr>
<td>AP Psychology</td>
</tr>
<tr>
<td>AP United States History</td>
</tr>
<tr>
<td>AP World History</td>
</tr>
<tr>
<td>AP Spanish</td>
</tr>
</tbody>
</table>

### Digital Art and Design Major

#### Career Options

These professions typically require a high school diploma and/or an additional certificate:

- Commercial Photographer
- Freelance Photographer
- Graphic Designer
- Military Photographer

These professions typically require a two-year associate's degree:

- Media Manager
- Photo Retoucher
- Staff Photographer
- Visual Merchandiser

These professions typically require a four-year bachelor's degree. Some require additional post-graduate study:

- Art Teacher/Professor
- Forensic Photographer
- Museum Photographer/Archivist
- Photojournalist

*Digital Art & Design is a state-recognized CATE program.

#### Required Courses for Major

You must complete these 4 units of credit from this row to receive a cord for this major at graduation.

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital Art &amp; Design I</td>
</tr>
<tr>
<td>Digital Art &amp; Design II</td>
</tr>
<tr>
<td>Digital Art &amp; Design III</td>
</tr>
<tr>
<td>Digital Art &amp; Design IV</td>
</tr>
</tbody>
</table>

### English/Journalism Major

#### Career Options

These professions typically require a high school diploma and/or an additional certificate:

- Creative Writer
- Blogger
- Library Assistant
- Military Service
- Song Writer

These professions typically require a two-year associate's degree:

- Administrative Assistant
- Announcer
- Broadcast Technician
- Columnist
- Proof Reader
- Reporter
- Technical Writer
- Telecommunication Sales

These professions typically require a four-year bachelor's degree. Some require additional post-graduate study:

- Author
- Copy Editor
- Educator
- Journalist
- Media Specialist
- News Anchor / Reporter
- Public Relations Manager

#### Required Courses for Major

You must complete at least 4 units of credit from this row to receive a cord for this major at graduation.

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition and Research</td>
</tr>
<tr>
<td>Creative Writing</td>
</tr>
<tr>
<td>Digital Desktop Publishing</td>
</tr>
<tr>
<td>Image Editing I</td>
</tr>
<tr>
<td>Newspaper Production</td>
</tr>
<tr>
<td>Public Speaking</td>
</tr>
<tr>
<td>Sports Information</td>
</tr>
<tr>
<td>Yearbook Production</td>
</tr>
</tbody>
</table>

#### Suggested Additional Courses for Major

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP English Language</td>
</tr>
<tr>
<td>AP English Literature</td>
</tr>
<tr>
<td>AP Psychology</td>
</tr>
<tr>
<td>AP World History</td>
</tr>
<tr>
<td>Contemporary Issues</td>
</tr>
<tr>
<td>Design Principles</td>
</tr>
<tr>
<td>Media Technology</td>
</tr>
<tr>
<td>World Languages</td>
</tr>
<tr>
<td>World History</td>
</tr>
<tr>
<td>Web Design I</td>
</tr>
<tr>
<td>Web Page Design &amp; Development</td>
</tr>
</tbody>
</table>
### Fashion Design Major

**Career Options**

- These professions typically require a high school diploma and/or an additional certificate:
  - Fashion Merchandising Sales
  - Custom Tailor

- These professions typically require a two-year associate's degree:
  - Decorator
  - Retail Store Manager
  - Small Business Owner

- These professions typically require a four-year bachelor's degree. Some require additional post-graduate study:
  - Fashion Designer
  - Interior Designer
  - Costume & Wardrobe Specialist

**Required Courses for Major**

You must complete these 3 units of credit from this row to receive a cord for this major at graduation.

- Fashion Design & Apparel Construction I
- Fashion Design & Apparel Construction II
- Mechanical Design 1

**Suggested Additional Courses for Major**

- Art I - IV
- Design Principles
- Business Principles & Management
- Entrepreneurship
- Fundamentals of Business, Marketing, & Finance
- Image Editing
- Interior Design

---

### Graphics Technology Major

**Career Options**

- These professions typically require a high school diploma and/or an additional certificate:
  - Computer Support Technician
  - Desktop Publishing Specialist
  - Equipment Operator
  - Graphics and Printing
  - Movie Projectionist

- These professions typically require a two-year associate's degree:
  - Commercial Graphics Technician
  - Commercial Photographer
  - Interior Designer
  - Video Editor
  - Web Page Designer

- These professions typically require a four-year bachelor's degree. Some require additional post-graduate study:
  - Commercial Artist
  - Graphic Designer
  - Production Manager
  - Publisher
  - Video Game Designer

**Required Courses for Major**

You must complete these 4 units of credit from this row to receive a cord for this major at graduation.

- Commercial Graphics 1
- Commercial Graphics 2
- Commercial Graphics 3 (2 unit course)

**Suggested Additional Courses for Major**

- Digital Desktop Publishing
- Image Editing
- Mechanical Design
- Media Technology
- Newspaper Production
- Visual Arts
- Web Design 1
- Web Page Design & Development
- Yearbook Production

---

### History Major

**Career Options**

- These professions typically require a high school diploma and/or an additional certificate:
  - Campaign Worker
  - Community Organizer
  - Congressional Aide

- These professions typically require a two-year associate's degree:
  - Legal Assistant
  - Lobbyist
  - Public Relations Staffer
  - Politician

- These professions typically require a four-year bachelor's degree. Some require additional post-graduate study:
  - Archivist/Researcher
  - Documentary Editor
  - Foreign Service Officer
  - Lawyer
  - Museum Curator
  - Teacher/Professor

**Required Courses for Major**

You must complete at least 4 units of credit from this row to receive a cord for this major at graduation.

- AP European History
- AP Human Geography
- AP World History
- Law Education
- World History I Honors
- World History II Honor

**Suggested Additional Courses for Major**

- AP Psychology
- Civics
- Sociology
- World Geography
- Contemporary Issues
### MEDIA TECHNOLOGY MAJOR

#### Career Options

These professions typically require a high school diploma and/or an additional certificate:
- Assistant Director
- Boom Operator
- Gaffer
- Grip

These professions typically require a two-year associate's degree:
- Retail Store Manager
- Small Business Owner
- Interior Designer

These professions typically require a four-year bachelor's degree. Some require additional post-graduate study:
- Costume Designer
- Fashion Designer
- Costume & Wardrobe Specialist

#### Required Courses for Major

You must complete these 4 units of credit from this row to receive a cord for this major at graduation.

These professions typically require a high school diploma and/or an additional certificate:
- Media Technology I
- Media Technology II
- Media Technology III
- Media Technology IV

#### Suggested Additional Courses for Major

- AP Computer Science
- Digital Desktop Publishing
- Image Editing I
- Web Design 1
- Web Page Design & Development

* Media Technology is a state-recognized CATE program.

### PERFORMING ARTS MAJOR

#### Career Options

These professions typically require a high school diploma and/or an additional certificate:
- Makeup Artist
- Performer
- Recording Artist
- Retail Music/Dance Sales

These professions typically require a two-year associate's degree:
- Costume Designer
- Disc Jockey
- Set Designer
- Sound/Light/Recording Engineer
- Stage Electrician

These professions typically require a four-year bachelor's degree. Some require additional post-graduate study:
- Conductor/Composer/Arranger
- Dance Choreographer
- Educator
- Music Therapist
- Producer/Studio Arranger

#### Required Courses for Major

You must complete at least 4 units of credit from this row to receive a cord for this major at graduation.

These professions typically require a high school diploma and/or an additional certificate:
- Band Courses
- Chorus Courses
- Dance Courses
- Orchestra Courses
- Theatre Courses

### VISUAL ARTS MAJOR

#### Career Options

These professions typically require a high school diploma and/or an additional certificate:
- Artist
- Craft Artist
- Florist
- Makeup Artist
- Photographer

These professions typically require a two-year associate's degree:
- Commercial Photographer
- Graphic Illustrator
- Set Designer
- Website Designer

These professions typically require a four-year bachelor's degree. Some require additional post-graduate study:
- Advertising Consultant
- Commercial Artist/Illustrator
- Educator
- Graphic Designer
- Museum/Gallery Coordinator
- Photojournalist

#### Required Courses for Major

You must complete at least 4 units of credit from this row to receive a cord for this major at graduation.

These professions typically require a high school diploma and/or an additional certificate:
- AP Art History
- AP Studio Art
- AP Sculpture
  - Art I
  - Art II
  - Art III

These professions typically require a two-year associate's degree:
- Art IV
- Image Editing I
- Mixed Media
- Painting
- Sculpture

These professions typically require a four-year bachelor's degree. Some require additional post-graduate study:
- Design Principles
- Digital Art & Design
- Newspaper Production
- Web Design 1
- Web Page Design & Development
- Yearbook Production

#### Suggested Additional Courses for Major

- AP English Language
- AP English Literature
- Commercial Graphics 1
- Design Principles
- Digital Art & Design
- Newspaper Production
- Web Design 1
- Web Page Design & Development
- Yearbook Production
## WORLD LANGUAGES MAJOR

<table>
<thead>
<tr>
<th>Career Options</th>
<th>These professions typically require a high school diploma and/or an additional certificate:</th>
<th>These professions typically require a two-year associate's degree:</th>
<th>These professions typically require a four-year bachelor's degree. Some require additional post-graduate study:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Military Service</td>
<td>Administrative Assistant</td>
<td>Business Consultant</td>
<td></td>
</tr>
<tr>
<td>Tour Guide</td>
<td>Customer Service Representative</td>
<td>Educator</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Travel Agent</td>
<td>Foreign Service Officer</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Interpreter/Translator</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Military/FBI/CIA Linguist</td>
<td></td>
</tr>
</tbody>
</table>

### Required Courses for Major

You must complete at least 4 units of credit from this row to receive a cord for this major at graduation.

<table>
<thead>
<tr>
<th>Required Courses for Major</th>
<th>Spanish I for Heritage Speaker</th>
<th>French I</th>
<th>German I</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spanish II for Heritage Speaker</td>
<td>Spanish II</td>
<td>French II</td>
<td>German II</td>
</tr>
<tr>
<td>Spanish I</td>
<td>Spanish III</td>
<td>French III</td>
<td>German III</td>
</tr>
<tr>
<td>Spanish IV</td>
<td>French IV</td>
<td>German IV</td>
<td></td>
</tr>
<tr>
<td>AP Spanish</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Suggested Additional Courses for Major

<table>
<thead>
<tr>
<th>Suggested Additional Courses for Major</th>
<th>AP European History</th>
<th>World History</th>
<th>AP English Literature</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP World History</td>
<td></td>
<td>AP English Language</td>
<td></td>
</tr>
</tbody>
</table>

---

## - EDUCATION AND TRAINING CLUSTER -

## EDUCATION AND TRAINING MAJOR

<table>
<thead>
<tr>
<th>Career Options</th>
<th>These professions typically require a high school diploma and/or an additional certificate:</th>
<th>These professions typically require a two-year associate's degree:</th>
<th>These professions typically require a four-year bachelor's degree. Some require additional post-graduate study:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child Care Worker</td>
<td>Family Services</td>
<td>Early Childhood Teacher</td>
<td></td>
</tr>
<tr>
<td>Library Assistant</td>
<td>Child Development Assistant</td>
<td>Elementary Teacher</td>
<td></td>
</tr>
<tr>
<td>Military Service</td>
<td>Preschool Teacher</td>
<td>Secondary Teacher</td>
<td></td>
</tr>
<tr>
<td>Teacher's Aide</td>
<td>Recreation Director</td>
<td>College Instructor/Professor</td>
<td></td>
</tr>
</tbody>
</table>

### Required Courses for Major

You must complete at least 4 units of credit from this row to receive a cord for this major at graduation.

<table>
<thead>
<tr>
<th>Required Courses for Major</th>
<th>Child Development I</th>
<th>Human Development</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition and Research</td>
<td>Psychology</td>
<td>Teacher Cadet Theory</td>
</tr>
<tr>
<td>Family Life Education</td>
<td>Public Speaking</td>
<td>Teacher Cadet Practicum</td>
</tr>
<tr>
<td>Foods Science and Dietetics I</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Suggested Additional Courses for Major

<table>
<thead>
<tr>
<th>Suggested Additional Courses for Major</th>
<th>AP English Language</th>
<th>Art I - IV</th>
<th>Health Science I</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP English Literature</td>
<td>World Languages</td>
<td>Sociology</td>
<td></td>
</tr>
</tbody>
</table>
# General Business Management Major

<table>
<thead>
<tr>
<th>Career Options</th>
<th>Required Courses for Major</th>
<th>Suggested Additional Courses for Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>These professions typically require a high school diploma and/or an additional certificate:</td>
<td><strong>Required for Major</strong></td>
<td><strong>Public Speaking</strong></td>
</tr>
<tr>
<td>Banking Clerk</td>
<td>Accounting I (or Accounting 101)</td>
<td>Public Speaking</td>
</tr>
<tr>
<td>Customer Service Assistant</td>
<td>Entrepreneurship</td>
<td>World Languages</td>
</tr>
<tr>
<td>Management Trainee</td>
<td>* General Business Management is a state-recognized CATE program.</td>
<td></td>
</tr>
<tr>
<td>Receptionist</td>
<td><strong>Choose one of the following:</strong></td>
<td></td>
</tr>
<tr>
<td>Shipping and Receiving Clerk</td>
<td>Business Principles and Management</td>
<td></td>
</tr>
<tr>
<td>Telemarketer</td>
<td>Fundamentals of Business</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Google Applications</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Integrated Business Applications I</td>
<td></td>
</tr>
</tbody>
</table>

## Required Courses for Major
You must complete at least 3 units of credit from this row to receive a cord for this major at graduation.

### Required for Major
- Accounting I (or Accounting 101)
- Entrepreneurship

### Choose one of the following:
- Business Principles and Management
- Fundamentals of Business
- Google Applications
- Integrated Business Applications I

## Suggested Additional Courses for Major
- Accounting II (or Accounting 102)
- Advertising
- AP Computer Science
- Personal Finance

---

# Accounting Major

<table>
<thead>
<tr>
<th>Career Options</th>
<th>Required Courses for Major</th>
<th>Suggested Additional Courses for Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>These professions typically require a high school diploma and/or an additional certificate:</td>
<td><strong>Required for Major</strong></td>
<td><strong>Public Speaking</strong></td>
</tr>
<tr>
<td>Banking Clerk</td>
<td>Accounting I (or Accounting 101)</td>
<td>Public Speaking</td>
</tr>
<tr>
<td>Bill and Account Collector</td>
<td>Accounting II (or Accounting 102)</td>
<td>World Languages</td>
</tr>
<tr>
<td>Claims Clerk</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Customer Service Representative</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Repossession Agent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sales Agent</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Required Courses for Major
You must complete at least 3 units of credit from this row to receive a cord for this major at graduation.

### Required for Major
- Accounting I (or Accounting 101)
- Accounting II (or Accounting 102)

### Choose one of the following:
- Business Principles and Management
- Fundamentals of Business
- Integrated Business Applications I

## Suggested Additional Courses for Major
- Public Speaking
- World Languages
- Entrepreneurship
- Psychology

---

* Accounting is a state-recognized CATE program.
**BUSINESS FINANCE MAJOR**

<table>
<thead>
<tr>
<th>Career Options</th>
<th>These professions typically require a high school diploma and/or an additional certificate:</th>
<th>These professions typically require a two-year associate's degree:</th>
<th>These professions typically require a four-year bachelor's degree. Some require additional post-graduate study:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bank Teller</td>
<td>Bookkeeper</td>
<td>Accountant</td>
</tr>
<tr>
<td></td>
<td>Bill and Account Collector</td>
<td>Brokerage Clerk</td>
<td>Adjuster</td>
</tr>
<tr>
<td></td>
<td>Credit Report Provider</td>
<td>Claims Agent</td>
<td>Economist</td>
</tr>
<tr>
<td></td>
<td>Customer Service Representative</td>
<td>Compliance Specialist</td>
<td>Insurance Appraiser</td>
</tr>
<tr>
<td></td>
<td>Sales Agent</td>
<td>Data Processor</td>
<td>Loan Officer</td>
</tr>
</tbody>
</table>

**Required Courses for Major**

You must complete at least 3 units of credit from this row to receive a cord for this major at graduation.

<table>
<thead>
<tr>
<th>Required for Major</th>
<th>Choose one of the following:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting I (or Accounting 101)</td>
<td>Business Finance</td>
</tr>
<tr>
<td>Baker</td>
<td>Banking Services</td>
</tr>
<tr>
<td>Events Manager/Planner</td>
<td>Fundamentals of Business</td>
</tr>
<tr>
<td>Executive Chef</td>
<td>Integrated Business Applications I</td>
</tr>
<tr>
<td>Food and Beverage Manager</td>
<td>Marketing</td>
</tr>
<tr>
<td>Kitchen Manager</td>
<td>Personal Finance</td>
</tr>
</tbody>
</table>

**Suggested Additional Courses for Major**

Accounting II (or Accounting 102)  
World Languages  
AP Computer Science  
Psychology  
Public Speaking

---

**- HOSPITALITY AND TOURISM CLUSTER -**

**CULINARY ARTS MAJOR**

<table>
<thead>
<tr>
<th>Career Options</th>
<th>These professions typically require a high school diploma and/or an additional certificate:</th>
<th>These professions typically require a two-year associate's degree:</th>
<th>These professions typically require a four-year bachelor's degree. Some require additional post-graduate study:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Caterer</td>
<td>Baker</td>
<td>Catering/Banquets Manager</td>
</tr>
<tr>
<td></td>
<td>Concierge</td>
<td>Events Manager/Planner</td>
<td>Convention Services Manager</td>
</tr>
<tr>
<td></td>
<td>Host/Hostess</td>
<td>Executive Chef</td>
<td>Lodging Manager</td>
</tr>
<tr>
<td></td>
<td>Line Cook</td>
<td>Food and Beverage Manager</td>
<td>Restaurant Owner</td>
</tr>
<tr>
<td></td>
<td>Restaurant Server</td>
<td>Kitchen Manager</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pastry Chef</td>
<td></td>
</tr>
</tbody>
</table>

**Required Courses for Major**

You must complete at least 3 units of credit from this row to receive a cord for this major at graduation.

<table>
<thead>
<tr>
<th>Required for Major</th>
<th>Choose one of the following:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Culinary Arts 1 (2 units)</td>
<td>Culinary Arts 2 (2 units)</td>
</tr>
<tr>
<td>Baking and Pastry (2 units)</td>
<td></td>
</tr>
</tbody>
</table>

**Suggested Additional Courses for Major**

Accounting I (or Accounting 101)  
Business Finance  
Digital Desktop Publishing  
Entrepreneurship  
Image Editing I  
Psychology  
Sports Nutrition  
World Languages
### BUSINESS INFORMATION MANAGEMENT MAJOR

**Career Options**

These professions typically require a high school diploma and/or an additional certificate:

- Customer Service Representative
- Information Systems Operator
- Product Assistant

These professions typically require a two-year associate's degree:

- Call Center Support Representative
- E-Business Specialist
- Help Desk Specialist
- Network Technician
- PC Systems Coordinator

These professions typically require a four-year bachelor's degree. Some require additional post-graduate study:

- Data Systems Designer
- Network Administrator
- Network Engineer
- Network Security Analyst

**Required Courses for Major**

You must complete at least 3 units of credit from this row to receive a cord for this major at graduation.

- **Required for Major**
  - Digital Desktop Publishing
  - Image Editing I

- **Choose one of the following:**
  - Accounting I (or Accounting 101)
  - Business Principles and Management
  - Fundamentals of Business

**Suggested Additional Courses for Major**

- AP Computer Science
- Digital Multimedia
- Entrepreneurship
- Google Applications
- Integrated Business Applications
- Public Speaking
- Web Page Design and Development
- World Languages

*Business Information Management is a state-recognized CATE program.*

### WEB AND DIGITAL COMMUNICATIONS MAJOR

**Career Options**

These professions typically require a high school diploma and/or an additional certificate:

- Customer Service Representative
- Multimedia Author

These professions typically require a two-year associate's degree:

- Multimedia Specialist
- Network Technician
- PC Support Specialist
- Streaming Media Specialist
- Telecommunications Technician
- Virtual Reality Specialist

These professions typically require a four-year bachelor's degree. Some require additional post-graduate study:

- Application Engineer
- Game Developer
- Network Administrator
- Programmer
- Software Design Engineer

**Required Courses for Major**

You must complete at least 3 units of credit from this row to receive a cord for this major at graduation.

- **Required for Major**
  - Web Design 1
  - Web Design 2

- **Choose one of the following:**
  - Digital Multimedia
  - Image Editing I
  - Image Editing II

**Suggested Additional Courses for Major**

- Accounting I (or Accounting 101)
- Business Finance
- Digital Desktop Publishing
- Entrepreneurship
- Image Editing I
- Psychology
- Fundamentals of Computing
- World Languages

*Web and Digital Communications is a state-recognized CATE program.*

### BUYING AND MERCHANDISING MAJOR

**Career Options**

These professions typically require a high school diploma and/or an additional certificate:

- Buying Agent
- Customer Service Representative
- Receiving/Inventory Clerk
- Sales Associate

These professions typically require a two-year associate's degree:

- Account Executive
- Brand Manager
- Research Associate
- Retail Marketing Coordinator
- Sales Manager

These professions typically require a four-year bachelor's degree. Some require additional post-graduate study:

- Business Development Manager
- Sales and Market Development
- Forecasting Manager
- Strategic Planner

**Required Courses for Major**

You must complete at least 4 units of credit from this row to receive a cord for this major at graduation.

- Business Finance
- Business Principles and Management
- Entrepreneurship
- Integrated Business Applications I
- Fundamentals of Business, Mktg, & Finance

**Suggested Additional Courses for Major**

- Accounting I (or Accounting 101)
- Accounting II (or Accounting 102)
- AP Computer Science
- AP Microeconomics
- Calculus
- Contemporary Issues
- Creative Writing
- World Languages
- Personal Finance
- Public Speaking
- Sociology
- Statistics

*Business Information Management is a state-recognized CATE program.*
## Plant and Animal Systems Major

### Career Options
- Animal Breeder
- Animal Caretaker
- Farm Worker
- Military Service
- Veterinarian Assistant

### Required Courses for Major

- Intro to Agric. Science & Technology*
- Veterinary Science*
- Small Animal Care*
- Farm Animal Production*
- Equipment Operations*
- Equine Science*

- Anatomy and Physiology
- AP Biology
- AP Chemistry
- AP Environmental Science
- Marine Biology

- * Completing 4 units of courses marked with an * denotes completion of the state-recognized CATE program for Plant and Animal Systems.

### Suggested Additional Courses for Major
- Anatomy & Disease
- Marine Biology
- Organic Chemistry
- Physics
- Calculus
- Botany

## Horticulture Major

### Career Options
- Farm & Ranch Worker
- Groundskeeper
- Landscaper
- Military Service
- Nursery Worker
- Pest Control Worker

### Required Courses for Major

- Intro to Agric. Science & Technology*
- Horticulture & Greenhouse Mgmt*
- Nursery, Greenhouse, & Garden Center Technology*
- Landscape Technology*
- Agricultural Mechanics*
- Equipment Operations*
- Turf & Lawn Management*

- Botany
- Marine Biology
- AP Biology
- AP Environmental Science

- * Completing 4 units of courses marked with an * denotes completion of the state-recognized CATE program for Horticulture.

### Suggested Additional Courses for Major
- Organic Chemistry
- Physics
- Statistics

---

**~ SCHOOL OF ENGINEERING, MANUFACTURING, & INDUSTRIAL TECH ~**

**- AGRICULTURE, FOOD, AND NATURAL RESOURCES CLUSTER -**
# Architecture and Construction Science Cluster

## Architecture and Mechanical Design Major

<table>
<thead>
<tr>
<th>Career Options</th>
<th>These professions typically require a high school diploma and/or an additional certificate:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cement Mason</td>
</tr>
<tr>
<td></td>
<td>Dry Wall Installer and Lather</td>
</tr>
<tr>
<td></td>
<td>Floor and Carpet Layer</td>
</tr>
<tr>
<td></td>
<td>Metal Worker</td>
</tr>
<tr>
<td></td>
<td>Military Service</td>
</tr>
<tr>
<td></td>
<td>Roofer</td>
</tr>
<tr>
<td></td>
<td><strong>These professions typically require a two-year associate's degree:</strong></td>
</tr>
<tr>
<td></td>
<td>Architectural Draftsman</td>
</tr>
<tr>
<td></td>
<td>Architectural Engineer Technician</td>
</tr>
<tr>
<td></td>
<td>Building Inspector</td>
</tr>
<tr>
<td></td>
<td>Electrician</td>
</tr>
<tr>
<td></td>
<td>Energy Auditor</td>
</tr>
<tr>
<td></td>
<td>Heating &amp; Cooling System</td>
</tr>
<tr>
<td></td>
<td>Mechanic</td>
</tr>
<tr>
<td></td>
<td>Metal Fabricator</td>
</tr>
<tr>
<td></td>
<td>Structural Welder</td>
</tr>
<tr>
<td></td>
<td><strong>These professions typically require a four-year bachelor's degree. Some require additional post-graduate study:</strong></td>
</tr>
<tr>
<td></td>
<td>Architect</td>
</tr>
<tr>
<td></td>
<td>Civil Engineer</td>
</tr>
<tr>
<td></td>
<td>Mechanical Engineer</td>
</tr>
<tr>
<td></td>
<td>Construction Manager</td>
</tr>
<tr>
<td></td>
<td>Cost Estimator</td>
</tr>
<tr>
<td></td>
<td>Surveyor</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Required Courses for Major</th>
<th>You must complete at least 4 units of credit from this row to receive a cord for this major at graduation.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Architectural Design 1*</td>
</tr>
<tr>
<td></td>
<td>Architectural Design 2*</td>
</tr>
<tr>
<td></td>
<td>Mechanical Design 1*</td>
</tr>
<tr>
<td></td>
<td>Mechanical Design 2*</td>
</tr>
<tr>
<td></td>
<td>Physics</td>
</tr>
<tr>
<td></td>
<td>Art IV</td>
</tr>
<tr>
<td></td>
<td>Calculus</td>
</tr>
<tr>
<td></td>
<td>PLTW Civil Engineering &amp; Architecture</td>
</tr>
<tr>
<td></td>
<td>* Completing 4 units of courses marked with an * denotes completion of the state-recognized CATE program for Architecture and Mechanical Design.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Suggested Additional Courses for Major</th>
<th>Machine Tool Technology I</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Carpentry I</td>
</tr>
<tr>
<td></td>
<td>Welding I</td>
</tr>
<tr>
<td></td>
<td>Physics</td>
</tr>
<tr>
<td></td>
<td>Calculus</td>
</tr>
</tbody>
</table>

## Carpentry Major

<table>
<thead>
<tr>
<th>Career Options</th>
<th>These professions typically require a high school diploma and/or an additional certificate:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Carpenter</td>
</tr>
<tr>
<td></td>
<td>Cement Mason</td>
</tr>
<tr>
<td></td>
<td>Drywall Installer</td>
</tr>
<tr>
<td></td>
<td>Floor and Carpet Layer</td>
</tr>
<tr>
<td></td>
<td><strong>These professions typically require a two-year associate's degree:</strong></td>
</tr>
<tr>
<td></td>
<td>Foreman</td>
</tr>
<tr>
<td></td>
<td>General Contractor</td>
</tr>
<tr>
<td></td>
<td><strong>These professions typically require a four-year bachelor's degree. Some require additional post-graduate study:</strong></td>
</tr>
<tr>
<td></td>
<td>Lumber Supplier</td>
</tr>
<tr>
<td></td>
<td>Commercial Construction Management</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Required Courses for Major</th>
<th>You must complete these 4 units of credit from this row to receive a cord for this major at graduation.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Carpentry 1</td>
</tr>
<tr>
<td></td>
<td>Carpentry 2</td>
</tr>
<tr>
<td></td>
<td>Carpentry 3 (2 units)</td>
</tr>
<tr>
<td></td>
<td>* Carpentry is a state-recognized CATE program.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Suggested Additional Courses for Major</th>
<th>Architectural Design 1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mechanical Design 1</td>
</tr>
<tr>
<td></td>
<td>Machine Tool Technology 1</td>
</tr>
</tbody>
</table>
## MANUFACTURING CLUSTER

### MACHINE TOOL TECHNOLOGY MAJOR

<table>
<thead>
<tr>
<th>Career Options</th>
<th>Career Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>These professions typically require a high school diploma and/or an additional certificate:</td>
<td>These professions typically require a two-year associate’s degree:</td>
</tr>
<tr>
<td>Welder</td>
<td>Machinist</td>
</tr>
<tr>
<td>Cement Mason</td>
<td>Welder</td>
</tr>
<tr>
<td>Drywall Installer</td>
<td>Tool &amp; Die Maker</td>
</tr>
<tr>
<td>Floor and Carpet Layer</td>
<td>Sheet Metal Worker</td>
</tr>
<tr>
<td>Production Worker</td>
<td>Industrial Maintenance Mechanic</td>
</tr>
<tr>
<td></td>
<td>Power Plant Operator</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Career Options</th>
<th>Career Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Machine Tool Technology 1</td>
<td>PLTW Intro to Engineering Design</td>
</tr>
<tr>
<td>Machine Tool Technology 2 (2 units)</td>
<td>PLTW Principles of Engineering</td>
</tr>
<tr>
<td>Machine Tool Technology 3 (2 units)</td>
<td>PLTW Computer Integrated Manufacturing</td>
</tr>
</tbody>
</table>

* Machine Tool Technology is a state-recognized CATE program.

<table>
<thead>
<tr>
<th>Required Courses for Major</th>
<th>Suggested Additional Courses for Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>You must complete at least 4 units of credit from this row to receive a cord for this major at graduation.</td>
<td>Machine Tool Technology IV (2 units)</td>
</tr>
<tr>
<td></td>
<td>Mechanical Design 1</td>
</tr>
<tr>
<td></td>
<td>Fundamentals of Computing</td>
</tr>
<tr>
<td></td>
<td>Welding 1</td>
</tr>
<tr>
<td></td>
<td>Physics</td>
</tr>
</tbody>
</table>

### WELDING MAJOR

<table>
<thead>
<tr>
<th>Career Options</th>
<th>Career Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>These professions typically require a high school diploma and/or an additional certificate:</td>
<td>These professions typically require a two-year associate’s degree:</td>
</tr>
<tr>
<td>Welder</td>
<td>Foreman</td>
</tr>
<tr>
<td>Cement Mason</td>
<td>General Contractor</td>
</tr>
<tr>
<td>Drywall Installer</td>
<td>Welding Technician</td>
</tr>
<tr>
<td>Floor and Carpet Layer</td>
<td>Quality Technician</td>
</tr>
<tr>
<td>Production Worker</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Required Courses for Major</th>
<th>Suggested Additional Courses for Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>You must complete these 4 units of credit from this row to receive a cord for this major at graduation.</td>
<td>Welding 1 (2 units)</td>
</tr>
<tr>
<td></td>
<td>Welding 2 (2 units)</td>
</tr>
<tr>
<td></td>
<td>Welding 3 (2 units)</td>
</tr>
<tr>
<td></td>
<td>Machine Tool Technology 1</td>
</tr>
<tr>
<td></td>
<td>Mechanical Design 1</td>
</tr>
<tr>
<td></td>
<td>Fundamentals of Computing</td>
</tr>
<tr>
<td></td>
<td>Physics</td>
</tr>
<tr>
<td></td>
<td>PLTW Intro to Engineering Design</td>
</tr>
</tbody>
</table>

* Welding is a state-recognized CATE program.
## - SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH CLUSTER -

### ENGINEERING AND ENGINEERING TECHNICIAN MAJOR

<table>
<thead>
<tr>
<th>Career Options</th>
<th>Required Courses for Major</th>
<th>Suggested Additional Courses for Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>These professions typically require a high school diploma and/or an additional certificate: Fork Lift Operator, Locomotive Engineer, Manufacturing Production Worker, Military Service</td>
<td>Machine Tool Technology 1, Mechanical Design 1, Welding 1, Carpentry 1, Architectural Design 1, Fundamentals of Computing</td>
<td>AP Calculus BC, AP Environmental Science</td>
</tr>
<tr>
<td>These professions typically require a two-year associate's degree: Engineering/Manufacturing Technician, Mechatronics Engineer, Robotic Equipment Repair Technician, Wind Turbine</td>
<td>AP Statistics, AP Chemistry, AP Calculus AB, AP Computer Science, Physics, Mechatronics 1, Mechatronics 2</td>
<td>PLTW Intro to Engineering Design, PLTW Principles of Engineering</td>
</tr>
<tr>
<td>These professions typically require a four-year bachelor's degree. Some require additional post-graduate study: Biochemical Engineer, Biomedical Engineer, Chemical Engineer, Computer Engineer, Electrical Engineer, Industrial Engineer, Mechanical Engineer</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### PRE-ENGINEERING (PROJECT LEAD THE WAY) MAJOR

<table>
<thead>
<tr>
<th>Career Options</th>
<th>Required Courses for Major</th>
<th>Suggested Additional Courses for Major</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Mechatronics 1, Mechatronics 2</td>
</tr>
<tr>
<td>* Pre-Engineering (Project Lead the Way) is a state-recognized CATE program.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MATHEMATICS MAJOR

<table>
<thead>
<tr>
<th>Career Options</th>
<th>Required Courses for Major</th>
<th>Suggested Additional Courses for Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>These professions typically require a four-year bachelor's degree. Some require additional post-graduate study: Accountant, Actuary, Computer Programmer, Engineer</td>
<td>AP Calculus AB, AP Calculus BC, AP Statistics</td>
<td>Accounting I (or Accounting 101), Accounting II (or Accounting 102)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AP Microeconomics, ECO 211 Macroeconomics</td>
</tr>
</tbody>
</table>
### SCIENCE MAJOR

**Career Options**

- These professions typically require a high school diploma and/or an additional certificate:
  - Military Service
  - Park Grounds Maintenance
  - Wastewater Treatment Technician

- These professions typically require a two-year associate's degree:
  - Engineering Technician
  - Lab Technician
  - Nuclear Medicine Technologist
  - Soil Quality Technician
  - Surgical Technician
  - Water Quality Technician

- These professions typically require a four-year bachelor's degree. Some require additional post-graduate study:
  - Botanist
  - Chemist / Biochemist
  - Engineer
  - Forensic Scientist
  - Geneticist
  - Microbiologist
  - Physicians Assistant
  - Science Teacher

**Required Courses for Major**

**You must complete at least 4 units of credit from this row to receive a cord for this major at graduation.**

- Anatomy and Disease
- Anatomy and Physiology
- Marine Biology
- Botany
- Medical Terminology
- Organic Chemistry
- Health Science 1
- Sports Medicine 1
- AP Biology
- AP Chemistry
- AP Environmental Science

**- TRANSPORTATION, DISTRIBUTION, AND LOGISTICS CLUSTER -**

### AUTOMOTIVE COLLISION REPAIR MAJOR

**Career Options**

- These professions typically require a high school diploma and/or an additional certificate:
  - Auto Collision Repair Technician
  - Auto Detailer
  - School Bus Driver
  - Truck Driver

- These professions typically require a two-year associate's degree:
  - Auto Collision Repair Supervisor
  - Insurance Estimator
  - Aircraft Mechanic
  - Heavy Equipment Mechanic

**Required Courses for Major**

**You must complete at least 4 units of credit from this row to receive a cord for this major at graduation.**

- Automotive Collision Repair 1
- Automotive Collision Repair 2A (2 units)
- Automotive Collision Repair 2B (2 units)

**Suggested Additional Courses for Major**

- Welding 3 (2 units)
- Machine Tool Technology 1
- Mechanical Design 1
- Physics
- PLTW Intro to Engineering Design
- PLTW Principles of Engineering
- PLTW Computer Integrated Manufacturing

* Automotive Collision Repair is a state-recognized CATE program.

### AUTOMOTIVE TECHNOLOGY REPAIR MAJOR

**Career Options**

- These professions typically require a high school diploma and/or an additional certificate:
  - Auto Mechanic
  - School Bus Driver
  - Taxi Driver
  - Truck Driver

- These professions typically require a two-year associate's degree:
  - Aircraft Mechanic
  - Auto Technician
  - Automotive Service Manager
  - Heavy Equipment Mechanic

**Required Courses for Major**

**You must complete these 4 units of credit from this row to receive a cord for this major at graduation.**

- Automotive Technology 1 (2 units)
- Automotive Technology 2 (2 units)

**Suggested Additional Courses for Major**

- Automotive Technology 3 (2 units)
- Machine Tool Technology 1
- Mechanical Design 1
- Welding 1
- Physics
- Mechatronics 1

* Automotive Technology is a state-recognized CATE program.
# Emergency and Fire Management Services Major

**Career Options**

- Dispatcher
- Fire Fighter
- Life Guard
- Military
- Ski Patrol

**Required Courses for Major**

You must complete at least 3 units of credit from this row to receive a cord for this major at graduation.

**Suggested Additional Courses for Major**

- Anatomy and Disease
- Anatomy and Physiology
- AP Environmental Science

- Civics
- Health Science 1
- Law Education

- Psychology
- Sociology
- World Languages

* Emergency and Fire Management Service is a state-recognized CATE program.

## Law Enforcement Services Major

**Career Options**

- Crossing Guard
- Military Service
- Security Guard

- Border Patrol Agent
- Police Patrol Officer
- Private Investigator

**Required Courses for Major**

You must complete these 3 units of credit from this row to receive a cord for this major at graduation.

**Suggested Additional Courses for Major**

- Civics
- Law Education

- Psychology
- Sociology
- World Languages

* Law Enforcement Service is a state-recognized CATE program.

## Military Leadership Major

**Career Options**

- Enlisted Member of Armed Forces (Any Branch)

- Enlisted Specialist
- Various Office Appointments

**Required Courses for Major**

You must complete at least 4 units of credit from this row to receive a cord for this major at graduation.

**Suggested Additional Courses for Major**

- AP European History
- Contemporary Issues

- Law Enforcement Services 1
- Leadership Dorman

- Psychology
- Sociology
# School of Medicine & Human Services

## Health Science Cluster

### Biomedical Sciences (Project Lead the Way) Major

<table>
<thead>
<tr>
<th>Career Options</th>
<th>These professions typically require a high school diploma and/or an additional certificate:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dental Assistant</td>
</tr>
<tr>
<td></td>
<td>Health Unit Coordinator</td>
</tr>
<tr>
<td></td>
<td>Home Health Care Aid</td>
</tr>
<tr>
<td></td>
<td>Massage Therapist</td>
</tr>
<tr>
<td></td>
<td>Medical Assistant</td>
</tr>
<tr>
<td></td>
<td>Orderly</td>
</tr>
<tr>
<td></td>
<td>Patient Care Assistant</td>
</tr>
<tr>
<td></td>
<td>Phlebotomy Technician</td>
</tr>
<tr>
<td></td>
<td>These professions typically require a two-year associate's degree:</td>
</tr>
<tr>
<td></td>
<td>Dental Hygienist</td>
</tr>
<tr>
<td></td>
<td>Emergency Medical Technician</td>
</tr>
<tr>
<td></td>
<td>Licensed Practical Nurse</td>
</tr>
<tr>
<td></td>
<td>Medical Lab Technician</td>
</tr>
<tr>
<td></td>
<td>Occupational Therapy Assistant</td>
</tr>
<tr>
<td></td>
<td>Paramedic</td>
</tr>
<tr>
<td></td>
<td>Respiratory Therapist</td>
</tr>
<tr>
<td></td>
<td>Surgical Technologist</td>
</tr>
<tr>
<td></td>
<td>Veterinary Technologist</td>
</tr>
<tr>
<td></td>
<td>These professions typically require a four-year bachelor's degree. Some require additional post-graduate study.</td>
</tr>
<tr>
<td></td>
<td>Audioligist</td>
</tr>
<tr>
<td></td>
<td>Biological Scientist</td>
</tr>
<tr>
<td></td>
<td>Chiropractor</td>
</tr>
<tr>
<td></td>
<td>Clinical Research Specialist</td>
</tr>
<tr>
<td></td>
<td>Dentist</td>
</tr>
<tr>
<td></td>
<td>Microbiologist</td>
</tr>
<tr>
<td></td>
<td>Nurse Anesthetist</td>
</tr>
<tr>
<td></td>
<td>Nurse Practitioner</td>
</tr>
<tr>
<td></td>
<td>Optometrist</td>
</tr>
<tr>
<td></td>
<td>Pharmacist</td>
</tr>
<tr>
<td></td>
<td>Physician / Physician Assistant</td>
</tr>
<tr>
<td></td>
<td>Registered Nurse</td>
</tr>
<tr>
<td></td>
<td>Veterinarian</td>
</tr>
</tbody>
</table>

### Required Courses for Major

You must complete at least 4 units of credit from this row to receive a cord for this major at graduation.

<table>
<thead>
<tr>
<th>Suggested Additional Courses for Major</th>
<th>Food Science and Dietetics I</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anatomy and Physiology</td>
<td>Anatomy and Disease</td>
</tr>
<tr>
<td>Anatomy and Disease</td>
<td>Sports Nutrition I</td>
</tr>
<tr>
<td>Calculus</td>
<td>Sports Nutrition II</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Family and Consumer Science I</td>
</tr>
</tbody>
</table>

* Completing 4 units of courses in this row, so long as they include all courses marked with an * denotes completion of the state-recognized CATE program for Biomedical Sciences (Project Lead the Way).

### Suggested Additional Courses for Major

- Business Finance
- Personal Finance
- Food Science and Dietetics
- Family and Consumer Science I
- Anatomy and Disease
- Physics
- Organic Chemistry
- Psychology

### Food and Nutrition Major

<table>
<thead>
<tr>
<th>Career Options</th>
<th>These professions typically require a high school diploma and/or an additional certificate:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fast Food Cook</td>
</tr>
<tr>
<td></td>
<td>Food Preparation Worker</td>
</tr>
<tr>
<td></td>
<td>Short Order Cook</td>
</tr>
<tr>
<td></td>
<td>Wait Staff</td>
</tr>
<tr>
<td></td>
<td>These professions typically require a two-year associate's degree:</td>
</tr>
<tr>
<td></td>
<td>Baker</td>
</tr>
<tr>
<td></td>
<td>Caterer</td>
</tr>
<tr>
<td></td>
<td>Food Service Manager</td>
</tr>
<tr>
<td></td>
<td>Head Chef</td>
</tr>
<tr>
<td></td>
<td>These professions typically require a four-year bachelor's degree. Some require additional post-graduate study.</td>
</tr>
<tr>
<td></td>
<td>Food Editor</td>
</tr>
<tr>
<td></td>
<td>Food Scientist</td>
</tr>
<tr>
<td></td>
<td>Nutritionist</td>
</tr>
<tr>
<td></td>
<td>Product Developer</td>
</tr>
<tr>
<td></td>
<td>Quality Control Analyst</td>
</tr>
<tr>
<td></td>
<td>Registered Dietician</td>
</tr>
</tbody>
</table>

### Required Courses for Major

You must complete at least 4 units of credit from this row to receive a cord for this major at graduation.

<table>
<thead>
<tr>
<th>Suggested Additional Courses for Major</th>
<th>Food Science and Dietetics II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Finance</td>
<td>Anatomy and Disease</td>
</tr>
<tr>
<td>Personal Finance</td>
<td>Sports Nutrition I</td>
</tr>
<tr>
<td>Family and Consumer Science I</td>
<td>Sports Nutrition II</td>
</tr>
<tr>
<td>Family and Consumer Science II</td>
<td>Family and Consumer Science I</td>
</tr>
<tr>
<td>Family and Consumer Science II</td>
<td>Physics</td>
</tr>
<tr>
<td>PLTW Human Body Systems</td>
<td>PLTW Principles of Biomedical Sci</td>
</tr>
</tbody>
</table>

### Suggested Additional Courses for Major

- Business Finance
- Personal Finance
- Family and Consumer Science I
- Family and Consumer Science II
- PLTW Human Body Systems
- PLTW Principles of Biomedical Sci
# HEALTH SCIENCE MAJOR

<table>
<thead>
<tr>
<th>Career Options</th>
<th>These professions typically require a high school diploma and/or an additional certificate:</th>
</tr>
</thead>
</table>
|                | Dental Assistant  
|                | Health Unit Coordinator  
|                | Home Health Care Aid  
|                | Massage Therapist  
|                | Medical Assistant  
|                | Nursing Assistant  
|                | Orderly  
|                | Patient Care Assistant  
|                | Pharmacy Technician  
|                | Phlebotomy Technician  
|                | Dental Hygienist  
|                | Emergency Medical Technician  
|                | Licensed Practical Nurse  
|                | Medical Lab Technician  
|                | Occupational Therapy Assistant  
|                | Paramedic  
|                | Respiratory Therapist  
|                | Surgical Technologist  
|                | Veterinary Technologist  
|                | Audiologist  
|                | Biological Scientist  
|                | Chiropractor  
|                | Dentist  
|                | Nurse Anesthetist  
|                | Nurse Practitioner  
|                | Occupational Therapist  
|                | Pharmacist  
|                | Physician / Physician Assistant  
|                | Physical Therapist  
|                | Registered Nurse  
|                | Speech Pathologist  

| Required Courses for Major | Health Science 1*  
|                            | Health Science 2*  
|                            | Health Science 3  
|                            | Anatomy and Physiology  
|                            | Anatomy and Disease  
|                            | Physics  
|                            | PLTW Biomedical Innovations  
|                            | PLTW Medical Interventions  
|                            | PLTW Human Body Systems  
|                            | PLTW Principles of Biomedical Sci  
|                            | Health Science Clinical Studies  
|                            | Medical Terminology  
|                            | * Completing 4 units of courses in this row, so long as they include all courses marked with an * denotes completion of the state-recognized CATE program for Health Science.  

| Suggested Additional Courses for Major | AP Biology  
|                                         | AP Calculus  
|                                         | AP Chemistry  
|                                         | AP/Dual Statistics  
|                                         | Biology II  
|                                         | Child Development I  
|                                         | Child Development II  
|                                         | Food Science and Dietetics  
|                                         | Human Development  
|                                         | Organic Chemistry  
|                                         | Psychology  
|                                         | Statistics  

# PHYSICAL EDUCATION MAJOR

<table>
<thead>
<tr>
<th>Career Options</th>
<th>These professions typically require a high school diploma and/or an additional certificate:</th>
</tr>
</thead>
</table>
|                | Aerobics Instructor  
|                | Athletic Coach  
|                | Fitness Trainer  
|                | Physical Therapy Assistant  
|                | Retail Sporting Goods Sales/Mgt.  
|                | Physical Education Teacher  
|                | Recreation Program Director  
|                | Recreational Therapist  

| Required Courses for Major | Physical Ed Strength Training (PES)  
|                           | Sports Nutrition I  
|                           | Sports Nutrition II  
|                           | Leisure Activities  
|                           | Team Sports  

| Suggested Additional Courses for Major | Anatomy and Disease  
|                                         | Anatomy and Physiology  
|                                         | Athletic Training I (Sports Med 1)  
|                                         | Athletic Training II (Sports Med 2)  
|                                         | Health Science 1  

You must complete at least 4 units of credit from this row to receive a cord for this major at graduation.
### Pre-Medicine Major

<table>
<thead>
<tr>
<th>Career Options</th>
<th>Required Courses for Major</th>
<th>Suggested Additional Courses for Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>These professions typically require a high school diploma and/or an additional certificate:</td>
<td>Anatomy and Physiology</td>
<td>PLTW Biomedical Innovation</td>
</tr>
<tr>
<td>N/A</td>
<td>AP/Dual Statistics</td>
<td>Medical Terminology</td>
</tr>
<tr>
<td>Aerobics Instructor</td>
<td>AP Biology</td>
<td>PLTW Human Body Systems</td>
</tr>
<tr>
<td>Athletic Coach</td>
<td>AP Calculus</td>
<td>PLTW Medical Interventions</td>
</tr>
<tr>
<td>Fitness Trainer</td>
<td>AP Chemistry</td>
<td>PLTW Principles of Biomedical Sci</td>
</tr>
<tr>
<td>N/A</td>
<td>Organic Chemistry</td>
<td>* Completing 4 units of courses in this row, so long as they include all courses marked with an * denotes completion of the state-recognized CATE program for Sports Medicine.</td>
</tr>
</tbody>
</table>

### Sports Medicine Major

<table>
<thead>
<tr>
<th>Career Options</th>
<th>Required Courses for Major</th>
<th>Suggested Additional Courses for Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>These professions typically require a high school diploma and/or an additional certificate:</td>
<td>Athletic Training I (Sports Med 1)*</td>
<td>Business Principles and Management</td>
</tr>
<tr>
<td>Physical Therapy Assistant</td>
<td>Health Science 1</td>
<td>Physics</td>
</tr>
<tr>
<td>Athletic Coach</td>
<td>Health Science 2</td>
<td>Psychology</td>
</tr>
<tr>
<td>Retail Sports Good Sales/Mgt</td>
<td>Health Science 3</td>
<td>Sports Information</td>
</tr>
<tr>
<td>Fitness Trainer</td>
<td>PLTW Human Body Systems</td>
<td>Team Sports</td>
</tr>
<tr>
<td>Sports Nutrition I</td>
<td>PLTW Principles of Biomedical Sci</td>
<td></td>
</tr>
<tr>
<td>Sports Nutrition II</td>
<td>Medical Terminology</td>
<td></td>
</tr>
</tbody>
</table>

* Completing 4 units of courses in this row, so long as they include all courses marked with an * denotes completion of the state-recognized CATE program for Sports Medicine.
### COSMETOLOGY MAJOR

**Career Options**

These professions typically require a high school diploma and/or an additional certificate:

- Cosmetologist
- Esthetician
- Salon Owner
- Cosmetology Instructor

**Required Courses for Major**

You must complete these 8 units of credit from this row to receive a cord for this major at graduation.

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cosmetology 1A</td>
<td>2</td>
</tr>
<tr>
<td>Cosmetology 1B</td>
<td>2</td>
</tr>
<tr>
<td>Cosmetology 2A</td>
<td>2</td>
</tr>
<tr>
<td>Cosmetology 2B</td>
<td>2</td>
</tr>
</tbody>
</table>

*Student can take state licensure exam after satisfactory completion of these courses.*

* Cosmetology is a state-recognized CATE program.

**Suggested Additional Courses for Major**

<table>
<thead>
<tr>
<th>Course</th>
<th>Additional Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Finance</td>
<td></td>
</tr>
<tr>
<td>Business Principles and Management</td>
<td></td>
</tr>
<tr>
<td>Personal Finance</td>
<td></td>
</tr>
<tr>
<td>Psychology</td>
<td></td>
</tr>
<tr>
<td>Anatomy and Physiology</td>
<td></td>
</tr>
<tr>
<td>Anatomy and Disease</td>
<td></td>
</tr>
</tbody>
</table>

### FAMILY AND CONSUMER SCIENCES MAJOR

**Career Options**

These professions typically require a high school diploma and/or an additional certificate:

- Childcare Worker
- Funeral Attendant
- Humanitarian Worker
- Teaching Assistant

These professions typically require a two-year associate's degree:

- Case Worker
- Funeral Director
- Residential Counselor
- Social/Human Services Assistant
- Substance Abuse Counselor

These professions typically require a four-year bachelor's degree. Some require additional post-graduate study.

- Addiction Counselor
- Clinical Social Worker
- Correctional Treatment Specialist
- Marriage and Family Therapist
- Mental Health Counselor
- Rehabilitation Counselor
- Minister
- Sociologist

**Required Courses for Major**

You must complete at least 3 units of credit from this row to receive a cord for this major at graduation.

<table>
<thead>
<tr>
<th>Course</th>
<th>Additional Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child Development I</td>
<td></td>
</tr>
<tr>
<td>Family Life Education I</td>
<td></td>
</tr>
<tr>
<td>Family Life Education II</td>
<td></td>
</tr>
<tr>
<td>Human Development</td>
<td></td>
</tr>
<tr>
<td>Psychology</td>
<td></td>
</tr>
<tr>
<td>Sociology</td>
<td></td>
</tr>
</tbody>
</table>

* Family and Consumer Sciences is a state-recognized CATE program.

**Suggested Additional Courses for Major**

<table>
<thead>
<tr>
<th>Course</th>
<th>Additional Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fashion Design and Apparel Construction I</td>
<td></td>
</tr>
<tr>
<td>Food Science and Dietetics I</td>
<td></td>
</tr>
<tr>
<td>Interior Design</td>
<td></td>
</tr>
<tr>
<td>Personal Finance</td>
<td></td>
</tr>
</tbody>
</table>
Course Information
~ ENGLISH ~

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
- ENG 101 & ENG 102 (Dual Enrollment Courses)
- SCC Literacy Readiness (ENG 031 / ENG 032)

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 can be changed.

Students taking Advanced (ADV), Honors, 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 the skills and knowledge central to a language arts program. The students will receive instruction in language, oral and written communication skills, and literature. The language component of the course will include grammar, usage, and word study. Students will focus on developing clarity, organization, purpose, and content in their oral and written communications. Students will learn to recognize major literary elements and recurring themes. This course concludes with a state-mandated end-of-course test that counts 20% of a student's final grade.

ENGLISH I ADV*
1 Unit Grade: 9
Prerequisite: Teacher Recommendation
In the English ADV course, college-bound students study language, composition, literature, and the research process. This course includes the complete spectrum of language study of grammar, usage, semantics, dialects, and history, and provides students with an opportunity to study and analyze a variety of literary works and genres. Students will hone their composition skills as they prepare papers and oral presentations that display their ability to interpret literary selections and enhance language skills. English III students will study American literature; English IV students will study British literature. All ADV courses require summer reading.

ENGLISH I Pre-AP & Pre-AP/HONORS*
1 Unit Grade: 9
Prerequisite for Pre-AP: Teacher Recommendation
Prerequisite for Pre-AP/Honors: Teacher Recommendation and GT identification

Pre-AP and Pre-AP/Honors English is a four-year program of accelerated courses designed for the student who has demonstrated exceptional ability in language arts. The acceleration is designed to prepare students for Language and Composition AP and Literature and Composition AP.

The four courses emphasize critical analysis, written and oral composition, vocabulary building, and language study. Independent study that supplements classroom instruction is required in each course. Once accepted, students are expected to complete the full four-year program. This course concludes with a state-mandated end-of-course test that counts 20% of a student's final grade.

ENGLISH II-IV CP*
1 Unit Grades: 10-12
Prerequisite: Teacher Recommendation
These courses cover traditional language topics, English usage, technical writing, word study, and literature, but from a perspective of practical application in the technological world. Instruction is geared toward developing better human relations skills; course content includes clear, concise, and organized communications skills in both oral and written forms for job related needs. These courses focus on the reading and information-processing skills needed to keep pace with the rapidly changing demands of the workplace. English III students will study American literature; English IV students will study British literature. All ADV courses require summer reading.

ENGLISH II-IV ADV*
1 Unit Grades: 10-12
Prerequisite: ADV Level English and Teacher Recommendation
In the English ADV courses, college-bound students study language, composition, and literature. These courses include the complete spectrum of language study: grammar, usage, semantics, dialects, history, etc. These courses provide students with an opportunity to study and analyze a variety of literary works and genres. Students will hone their composition skills as they prepare papers and oral presentations that display their ability to interpret literary selections and enhance language skills. English III students will study American literature; English IV students will study British literature. All ADV courses require summer reading.

ENGLISH II PRE-AP/HONORS*
1 Unit Grades: 9-10
Prerequisite: English I Pre-AP/Honors and Teacher Recommendation
This course is a part of the Pre-AP/Honors English program of accelerated courses designed for the student who has demonstrated exceptional ability in language arts. The acceleration is designed to prepare students for Language and Composition AP and Literature and Composition AP. The five courses in this program emphasize critical analysis, written and oral composition, vocabulary building, and language study. Independent study that supplements classroom instruction is required in each course. Once accepted, students are expected to complete the full program. A major component of the Level II grade Pre-AP/Honors course will be a study of American literature. This course requires summer reading.
ENGLISH III HONORS*  
1 Unit Grades: 10-11  
Prerequisite: English II Pre-AP/Honors, Composition and Research Honors, and Teacher Recommendation

This course is a survey of British literature on the honors level. Students will write essays in which they analyze themes and tones of passages. Literary elements such as diction, imagery, structure, and detail are emphasized. Students will leave the course with exposure to major British writers and a vocabulary that will prepare them for serious college study or entrance into an AP classroom. This course requires summer reading.

ENGLISH LANGUAGE AND COMPOSITION AP*  
1 Unit Grades: 10-12  
Prerequisite: English II Pre-AP/Honors or English III Honors, Composition and Research Honors or STEM Humanities, and Teacher Recommendation

This college-level course is designed for thoughtful, highly motivated students who will take the AP Language and Composition Examination. While the course includes some drama, fiction, and poetry, most of the reading will be short nonfiction that will vary widely in subject, style, and historical period. Students will analyze how language is used in a wide range of texts and contexts and engage in argumentation on a variety of subjects. The longer texts will come primarily from British literature. Students enrolled in the fall course should attend all of the review sessions in the spring. This course requires summer reading.

ENGLISH LITERATURE AND COMPOSITION AP*  
1 Unit Grade: 11-12  
Prerequisite: Composition and Research Honors, English II Pre-AP/Honors or English III Honors or English Language & Composition AP, or STEM Humanities, and Teacher Recommendation

This course, designed to prepare students for the Advanced Placement exam in English Literature, is equivalent in style and standards to a freshman-level college course. The student enrolled in this course will acquire skills that facilitate literary analysis and critical writing. The course surveys a wide range of the most respected works in literature so that the students will develop a literary background that sufficiently prepares them for the AP test. Students enrolled in the fall course will be expected to attend review sessions in the spring. It is suggested this course be taken after English Language and Composition AP. This course requires summer reading.

WORLD LITERATURE ADV*  
1 Unit Grade: 11-12  
Prerequisite: Language and Composition AP, English IV ADV, or English III Honors, and Teacher Recommendation

This course is designed around a study of 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. The complete spectrum of language study (grammar, usage, semantics, dialects, history of language, etc.) is included. This course requires summer reading.

SCC LITERACY READINESS*  
1 Unit Grades: 12  
Also Known As: ENG 031/ENG 032  
Prerequisite: Application to SCC or other two-year school. Completion of Accuplacer with scores that indicate need for remediation.

This course utilizes a disciplinary literacy approach that teaches students strategies for reading and understand complex texts in various subject areas. Students learn to develop and defend ideas from textbooks and write about them in several disciplines. This course is also designed to prepare students for the Accuplacer test. A raise in Accuplacer scores and an 80 or better in this course can eliminate the requirement for remedial courses at Spartanburg Community College.

— ENGLISH ELECTIVES —

COMPOSITION AND RESEARCH ADV  
1 Unit Grades: 10-12  
Prerequisite: A “C” or better 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 for syntax, tone, diction, imagery, and theme. Students will write analytical essays, but will also have the opportunity to write narrative, descriptive, and creative pieces as well. The class will also focus on a study of grammar that will provide a common vocabulary to improve student’s writing. This class will also address the ACT/SAT essay and multiple choice grammar questions, research skills, and accurate documentation skills.

COMPOSITION AND RESEARCH HONORS  
1 Unit Grades: 10-12  
Prerequisite: English I Pre-AP/Honors and Teacher Recommendation

This rigorous course is designed to ensure a strong foundation in language arts skills that will prepare students for AP Language and AP Literature. Students write analytical essays, but have the opportunity to write narrative, descriptive, and creative pieces as well. The study of grammar provides a common vocabulary for discussing sentence structure, mechanics, and usage. The class will also address ACT/SAT essay and multiple choice grammar questions. The class includes an introduction to argumentation. The teaching of research skills and documentation form is a substantial component of the course. This course is a required prerequisite for English III Honors, Language and Composition AP, and Literature and Composition AP.

CREATIVE WRITING CP  
1 Unit Grades: 10-12  
Prerequisite: None

Creative Writing is designed for the student who enjoys writing and wants an outlet for his/her expression and an opportunity to practice different kinds of writing. Students will complete numerous writing assignments. 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 HONORS
1 Unit Grades: 10-12
Prerequisite: Completion of an Honors- 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.

ESL (F) & ESL (S)
1 Unit Grades: 9-12
Prerequisite: Identification as ESL Student
The ESL 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 sections based on individual needs. ESL (F) is for the Fall semester; ESL (S) is for the Spring semester.

INTRODUCTION TO FILM
1 Unit Grade: 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. Some attention will also be given to the history of film, especially to films that illustrate the range of cinematic styles.

INTRODUCTION TO PUBLIC SPEAKING
1 Unit Grades: 10-12
Prerequisite: None
This introductory course exposes the student to many public speaking situations. The student is given an overview to stress the importance of good communication skills and to reinforce skills used in conversation, group discussion, public speaking, and advertising. Each student will give a minimum of five speeches that will be videotaped and critiqued.

NEWSPAPER PRODUCTION
1 Unit Grades: 10-12
Prerequisite: Advisor interview
This course covers interviewing, news, feature and editorial styles of writing. It also entails headline writing, cutline (caption) writing, page makeup and design, layout, and some photography. In this course, students will read, evaluate and discuss news elements, be able to recognize news and feature story ideas within the school, and assist in conveying a positive image of the school through the local media. Each student must be approved for the newspaper staff. Some time outside of class is required as necessary to complete production.

NEWSPAPER PRODUCTION HONORS
1 Unit Grades: 10-12
Prerequisite: Newspaper Production
Students in this course have the opportunity to be nominated as editor by the advisor. For honors credit, students must complete all of the previous requirements of Newspaper Production I, and editors will be required to edit and finalize all pages of the newspaper prior to final edits by the advisor. Editors will have leadership roles to instruct curriculum as needed and organize the roles within the classroom. Each student must be approved for the newspaper staff. More time outside of class is required as necessary to complete production.
Students need 4 Math credits to earn a diploma.

All Math courses will satisfy the graduation requirement for Math.

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 can be changed.

FOUNDATIONS OF ALGEBRA CP*
1 Unit Grades: 9-12  
Prerequisite: None  
Foundations of Algebra CP is the first in a two-course progression designed to prepare students for success in advanced mathematics courses by providing a foundation in algebra. This course will build on the conceptual knowledge and skills students mastered in middle-level mathematics courses in the areas of algebraic thinking, geometry, measurement, probability, and proportional reasoning. Students who complete the two-course progression of Foundations in Algebra and Intermediate Algebra will be prepared for the state-mandated end-of-course assessment administered at the completion of Intermediate Algebra.

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 will build on the conceptual knowledge and skills students mastered in middle-level mathematics courses. This course goes into a deeper level of algebraic thinking and analysis while working with other topics like geometry, measurement, probability, and proportional reasoning. Students who complete the two-course progression of Foundations in Algebra and Intermediate Algebra will be prepared for the state-mandated end-of-course assessment administered at the completion of Intermediate Algebra.

INTERMEDIATE ALGEBRA CP*
1 Unit Grades: 9-12  
Prerequisite: Foundations of Algebra  
Intermediate Algebra CP students will cover topics that include axioms of algebra, linear and quadratic equations, polynomials in one variable, functions, graphs, and algebraic expressions. Concrete models, manipulatives, pictorial representations, graphing calculators, and computers will be used to strengthen concepts previously taught and to teach new concepts. Students who successfully complete Foundations & 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  
Prerequisite: Foundations of Algebra ADV  
Intermediate Algebra ADV students will continue their study of algebra by expanding their knowledge into the study of algebraic axioms, functions, graphs, and equations. Students will be able to create models for everyday problems using linear, exponential, and quadratic functions. Students will use these models to analyze data and make predictions. Students who successfully complete Foundations & 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 II CP*
1 Unit Grades: 10-12  
Prerequisite: Algebra I (or Foundations of Algebra & Intermediate Algebra), Teacher Recommendation  
Algebra II is an extension of Algebra I at a deeper level. The course is a study of algebraic properties of the real number system, linear and quadratic equations, inequalities, graphs, polynomials with one variable, conic sections, and functions.

ALGEBRA II ADV*
1 Unit Grades: 11-12  
Prerequisite: Algebra I (or Foundations of Algebra & Intermediate Algebra), Geometry ADV, Teacher Recommendation  
Algebra II is an extension of Algebra I at a deeper level. The course is a study of algebraic properties of the real number system, linear and quadratic equations, inequalities, graphs, polynomials, functions, logarithms, and elementary properties of the trigonometric functions.

ALGEBRA II HONORS*
1 Unit Grades: 9-12  
Prerequisite: Algebra I Honors, Geometry Honors, Teacher Recommendation  
This course is designed for students who are able to grasp mathematical concepts quickly. This course is an in-depth study of the properties of the real number system, linear and quadratic equations, inequalities, graphs, polynomials in one variable, conic sections, functions, logarithms, trigonometric functions, mathematical induction, and symbolic logic. The course moves faster and covers topics in greater depth than Algebra II CP or ADV.

ALGEBRA III*
1 Unit Grades: 10-12  
Prerequisite: Algebra II Advanced or Honors  
Algebra III is a program of mathematical studies focusing on the development of the student’s ability to understand and apply the study of functions and advanced mathematics concepts to solve problems. The course will include 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)

This course is designed for the student who plans to take Statistics, Math for Financial Success, and/or Algebra II CP. All topics listed under Geometry ADV will be included, but a less formal approach will be used to teach the topics. Career and real-world applications will be emphasized.

GEOMETRY ADV*
1 Unit Grades: 9-12
Prerequisite: Algebra I, Teacher Recommendation

Geometry ADV is a college preparatory study of plane and space geometric concepts based on Euclidean postulates. The course is a structured mathematics study based on undefined and defined terms, postulates, and theorems. Points, lines, planes, polygons, circles, and spheres are some of the geometric figures studied in detail. Three-dimensional concepts are studied through geometric solids. The course is designed to strengthen the student’s ability in patterns of reasoning (inductive and deductive) as applied to mathematical and non-mathematical situations.

GEOMETRY HONORS*
1 Unit Grade: 9-12
Prerequisite: Algebra I Honors, Teacher Recommendation

Students with a strong knowledge of algebra continue the study of honors mathematics with this course of Euclidean and coordinate geometry. The content is enhanced and enriched with the use of graphing calculators, hands-on activities, projects, strategies to improve PSAT/SAT/ACT math performance, and cooperative learning groups.

PRECALCULUS*
1 Unit Grades: 10-12
Prerequisite: Algebra I, Algebra II ADV, Geometry ADV, Teacher Recommendation

This course encompasses and extends the understanding of advanced algebra and its applications such as functions, theory of equations, nature and theory of graphs, complex numbers, conics, matrices, linear programming, and exponential and logarithmic functions. A study of trigonometry and its applications will be emphasized during the second 9-weeks of the course. This course is a prerequisite for Differential/Integral Calculus. The student will be required to use a graphing calculator throughout the course. It is highly recommended that a student has a TI-84 graphing calculator for this course.

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

This college preparatory course develops conceptual understandings as well as applications of higher level mathematics. Particular emphasis is placed on polynomial functions, their graphs and inverses, exponents and logarithms, graphing techniques, complex number operations, and trigonometric functions, graphs, and applications. This course will cover topics in more depth than the Precalculus course. The student will be required to use a TI-Inspire CAS graphing calculator for the course.

CALCULUS HONORS*
1 Unit Grades: 11-12
Prerequisite: Precalculus, Teacher Recommendation

Students will develop a thorough understanding of analytic geometry, limits, derivatives, and applications of derivatives. Comparable to Calculus I in college, this course provides a basic foundation for advanced studies in mathematics. Some integration rules as well as integral applications will be explored. Students will be required to use a graphing calculator for this course. This course does not prepare students for AP Calculus.

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

This course will follow the recommendations and syllabus set by the Advanced Placement Program. It is designed to stimulate secondary school students to high achievement and to eliminate the need to take this course later in college. This is the first semester of AP Calculus. Highly recommended a student use the TI-Inspire CAS graphing calculator. This is the first semester of AP Calculus AB.

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

Students will further their calculus knowledge by studying integral calculus and its applications. A national exam will be given in May to all students enrolled in the course. Many colleges grant credit and appropriate placement to students who make a score of 3 or higher on the AP exam. Highly recommended a student use the TI-Inspire CAS-CX graphing calculator.

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

Calculus BC is a course in the calculus of functions of a single variable. It couples all topics taught in Calculus AB with the following additional topics: improper integrals, sequences, infinite series, and polar functions. The course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. Technology will be used regularly by students and teachers to reinforce the relationships among the multiple representations of functions, to confirm written work, to implement experimentation, and to assist in interpreting results. A passing AP exam score receives college credit for Calculus 1 and 2 at many colleges. A Calculus AB subscore is reported based on performance on the portion of the Calculus BC Exam devoted to Calculus AB topics. Highly recommended a student use the TI-Inspire CAS graphing calculator.

STATISTICS CP *
1 Unit Grades: 10-12
Prerequisite: Algebra I (or Foundations of Algebra & Intermediate Algebra)

This course introduces probability and statistics and includes topics in organizing and presenting statistical data, calculating measurements of central tendency, calculating
probabilities, the binomial distribution, normal distribution, Central Limit Theorem, confidence intervals, hypothesis testing for large and small samples, linear regression, and correlation. Highly recommended a student use the TI-84 graphing calculator.

STATISTICS ADV*
1 Unit Grades: 10-12
Prerequisite: Algebra II ADV
This college-prep course introduces probability and statistics and includes topics in organizing and presenting statistical data, calculating measurements of central tendency, calculating probabilities, the binomial distribution, normal distribution, Central Limit Theorem, confidence intervals, hypothesis testing for large and small samples, linear regression, and correlation. Highly recommended a student use the TI-84 graphing calculator.

STATISTICS AP*
1 Unit Grades: 10-12
Prerequisite: Algebra II Honors or Precalculus
This course covers the art of organizing and exploring data and the fundamental modes of thought in designs for data production and in the probabilistic reasoning of formal inference. Students enrolled in this course will take the AP Statistics exam in May. Several colleges grant credit and appropriate placement to students who make a 3 or higher on the AP exam. Highly recommended a student has a TI-Inspire calculator.

MATH FOR FINANCIAL SUCCESS*
1 Unit Grades: 11-12
Prerequisite: Algebra I (or Foundations of Algebra & Intermediate Algebra)
This course helps students strengthen their math skills. The student will become a wiser consumer and a better financial planner as he/she learns how financial institutions operate. Current technology will be utilized to solve financial problems. The student will learn to identify and use various mathematical procedures needed to solve complicated financial problems. The school will provide classroom calculators.

SCC MATH READINESS*
1 Unit Grades: 12
Also Known As: MAT 031/MAT 032
Prerequisite: Application to SCC or other two-year school. Completion of Accuplacer with scores that indicate need for remediation.
This course emphasizes an understanding of math concepts, as opposed to memorizing facts. Math Readiness students learn the context behind procedures and come to understand the “whys” of using certain formulas or methods to solve a problem. This course is also designed to prepare students for the Accuplacer test. A raise in Accuplacer scores and an 80 or better in this course can eliminate the requirement for remedial courses at Spartanburg Community College.
PLTW Engineering is 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 the process of defining and solving a problem, not on getting the “right” answer. They learn how to apply STEM knowledge, skills, and habits of mind to make the world a better place through innovation.

*All PLTW courses receive Honors GPA Weighting*

*All PLTW Engineering courses count as a Computer Science credit as required for graduation.*

---

**Foundation Courses**

**Introduction to Engineering Design***
Prerequisite: Algebra I, Teacher Recommendation
1 Unit Grades: 9-12
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 a variety of problems using 3D modeling software, and use an engineering notebook to document their work.

**Principles of Engineering***
Prerequisite: Introduction to Engineering Design
1 Unit Grades: 10-12
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.

---

**Specialization Courses**

**Civil Engineering and Architecture***
Prerequisite: Introduction to Engineering Design, Principles of Engineering
1 Unit Grades: 10-12
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 3D architecture design software.

**Computer Integrated Manufacturing***
Prerequisite: Introduction to Engineering Design, Principles of Engineering
1 Unit Grades: 10-12
his course illuminates opportunities related to the high-tech, innovation nature of modern manufacturing and teaches students about manufacturing processes, product design, robotics, and automation. Students can earn a virtual manufacturing badge recognized by the National Manufacturing Badge system.

**Digital Electronics***
Prerequisite: Introduction to Engineering Design, Principles of Engineering
1 Unit Grades: 10-12
This course provides a foundation for students interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices.

---

**Capstone Course**

**Engineering Design and Development***
Prerequisite: Teacher Recommendation
1 Unit Grades: 11-12
The knowledge and skills students acquired throughout PLTW Engineering come together in EDD as they 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, completing EDD ready to take on any post-secondary program or career. It is recommended that students take IED, POE, and a specialization course before attempting EDD, but it is not a requirement. Students applying for this course should be innovative thinkers and independent learners who persist until a problem is solved.
LET’S INVESTIGATE THE WORLD’S BIGGEST HEALTH CHALLENGES!

The rigorous and relevant four-course PLTW Biomedical Science Sequence 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 activities, such as investigating the death of a fictional person, to learn content in the context of real world cases. They examine the structures and interactions of human body systems and explore the prevention, diagnosis, and treatment of disease, all while working collaboratively to understand and design solutions to the most pressing health challenges of today and the future.

Each course in the Biomedical Science sequence builds on the skills and knowledge students gain in the preceding courses.

*All PLTW courses receive Honors Weighting*

PLTW Biomedical Science Curriculum

**Foundation Courses**

- **Principles of Biomedical Science**  
  **Prerequisite:** Science Teacher Recommendation  
  **1 Unit**  
  **Grades:** 9-12

  In this introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person’s life. 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**  
  **Prerequisite:** Principles of Biomedical Science, PLTW Teacher Recommendation  
  **1 Unit**  
  **Grades:** 10-12

  Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

- **Medical Intervention**  
  **Prerequisite:** Principles of Biomedical Science, Human Body Systems, PLTW Teacher Recommendation  
  **1 Unit**  
  **Grades:** 10-12

  Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

**Capstone Course**

- **Biomedical Innovation**  
  **Prerequisite:** Medical Intervention, PLTW Teacher Recommendation  
  **1 Unit**  
  **Grades:** 11-12

  In this final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution.
Students need 3 Science credits to earn a diploma.

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

- Integrated Science
- Physical Science
- Biology
- Chemistry
- Anatomy (/Disease or /Physiology)
- Physics
- Marine Biology
- 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
- Anatomy (/Disease or /Physiology)
- Physics
- Marine Biology
- 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 can be changed.

---

**INTEGRATED SCIENCE CP**

1 Unit  Grade: 9  
Prerequisite: None

Integrated Science is an introductory science course designed to give freshman students an opportunity to develop key skills in the physical sciences as well as biology. This survey course will explore properties of matter, the periodic table and chemical bonding; an introduction to the organization of life and biochemistry; as well as a study of forces and motion. Upon completion of this course, students will be prepared to investigate biology, chemistry, and or/physics at deeper levels of understanding. Integrated Science will emphasize 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 HONORS**

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 the 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 the college prep course. 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 Honors & Chemistry I Honors.

**STEM - FOUNDATIONS**

1 Unit  Grade: 9  
Prerequisite: Admission into the STEM program

As a required introductory course for all STEM 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 to 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 lab science but is a prerequisite for STEM Science courses.

**STEM - BIOLOGY**

1 Unit  Grade: 9  
Prerequisite: STEM Foundations

SC requirements for Biology will be covered as students continue conducting scientific research and presenting research findings. 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

The purpose of this course is to provide the science foundation for future careers. Biology content will focus on the Nature of Science, Hierarchy, the cell, cell processes, genetics, heredity, and ecology. Biology I emphasizes problem-solving, decision-making, and hands-on learning. Connections to work, home, society and the environment will be made. 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, Teacher Recommendation

This course is a broad, general introduction to the fundamental properties of living organisms, their structure, functions, habits, classification, and life histories.
Representative plants and animals will be studied in the laboratory and field. 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 HONORS**

1 Unit Grades: 10-12
Prerequisite: Physical Science Honors, Teacher Recommendation

This course is designed for the student who has outstanding abilities in science. It involves a detailed study of the properties of living organisms. This course includes introductory level biochemistry, cell biology, genetics, DNA/RNA, plants, ecology, invertebrates, and vertebrate systems. Laboratory activities are an essential part of this course. 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 HONORS/Pre-AP**

1 Unit Grades: 11-12
Prerequisite: Biology I H and Chemistry I ADV or Honors or STEM Biology; or take Biology II Honors and Chemistry Honors concurrently; Biology I Honors Teacher Recommendation

This is a rigorous course for students who desire an introduction to college level biology. Molecular biology, energy transformations, cytology, molecular genetics, heredity, and evolution are the focus of this course. Much time is spent studying the biochemical relationships of cellular structures, energy cycles, and DNA/RNA and completing required labs. This course will count as a lab science. This course is the first semester of AP Biology.

**BIOLOGY II AP**

1 Unit Grades: 11-12
Prerequisite: Biology II Honors, Teacher Recommendation

This course is to prepare students with the necessary background for the AP Biology exam. Students will add to the knowledge that they acquired in Biology II Honors; they will study the development of invertebrate and vertebrate systems, plant anatomy and physiology, and ecological cycles. This course will count as a lab science.

**ANATOMY & DISEASE CP**

1 Unit Grades: 10-12
Prerequisite: Biology I CP or Biology I ADV

This course is designed to give students an understanding of the concepts involved in the levels of organization of the human body from the tissue level to the major body systems. This course requires a great deal of memorization of terminology. Students will also gain an understanding of the immune system and the prevention and treating of diseases. This course will count as lab science. Laboratory activities, including dissections, are an integral part of the course.

**ANATOMY/PHYSIOLOGY ADV**

1 Unit Grades: 11-12
Prerequisite: Biology I ADV or Biology I Honors, Teacher Recommendation

This course is for the student with a serious desire to learn more about the structure and function of the human body. It is most appropriate for those considering a career in a medical field. Two major themes will dominate the course: (1) the complimentary nature of normal structure and function, and (2) homeostasis. Disease processes will be addressed as well. This course will count as lab science. Laboratory activities, including dissections, are an integral part of the course.

**ANATOMY/PHYSIOLOGY-COLLEGE STYLE INSTRUCTION**

1 Unit Grades: 11-12
Prerequisites: Biology I ADV or Biology I Honors, Teacher Recommendation

This course will contain the same content as the traditional Anatomy/Physiology, but will be taught in a different format. This format is for the highly motivated college bound student who wants to experience true college style learning. The student will be required to be on-site three days per week. Students will attend large group instruction one day, and attend lab/recitation on the other two days. The remaining two days will be used for on-line learning. Two major themes will dominate the course: (1) the complimentary nature of normal structure and function, and (2) homeostasis. Disease processes will be addressed as well. This course will count as lab science. Laboratory activities, including dissections, are an integral part of the course.

**ANATOMY/PHYSIOLOGY HONORS**

1 Unit Grades: 10-12
Prerequisite: Biology I Honors or STEM Biology, Teacher Recommendation

This rigorous course is appropriate for students as preparation for Anatomy/Physiology at the college level. It is especially well suited for those students who anticipate a career in medicine. Systems of the body, physiology of those systems and disease processes will be addressed. In addition, students will use technology and dissection to further their study. Projects and presentations including models and clinical case studies will be required. This course will count as lab science.

**CHEMISTRY I CP**

1 Unit Grades: 10-12
Prerequisite: Foundations of Algebra, Physical Science or Biology I CP, Teacher Recommendation

This course is designed for the student who is preparing for a non-science college career or for a technical school career. The course emphasizes the impact of chemistry on society and on the chemistry-related technical issues of today. The major topics and skills expected of an introductory chemistry course are included. This course will count as lab science.

**CHEMISTRY I ADV**

1 Unit Grades: 10-12
Prerequisite: Algebra I, Physical Science ADV or Honors, Teacher Recommendation

Chemistry I includes a study of atomic structure, periodic law, chemical bonding, stoichiometry, gas laws, ionization, acids, bases, salts, titration, pH, chemical reactions, and nuclear reactions with a well-correlated student laboratory program emphasizing mathematical problems. This course will count as lab science.
CHEMISTRY I HONORS**
1 Unit  Grades: 10-11
Prerequisite: Physical Science Honors, Algebra I, Teacher Recommendation
Recommended: Completion of Algebra II
This course covers most of the same topics as Chemistry ADV, but it is more in depth and detailed. Higher thinking skills are required for Chemistry Honors. This course is designed to prepare students for Chemistry AP and science or engineering college courses of study. This course will count as a lab science.

ORGANIC CHEMISTRY**
1 Unit  Grades: 11-12
Also Known As: Chemistry II ADV/Organic
Prerequisite: Chemistry I ADV or Honors
This course is for the student who has a serious desire to learn in-depth about a specific field of chemistry: organic chemistry. It is most appropriate for students who want to strengthen their chemistry foundation and acquire more lab experience. 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 HONORS/Pre-AP**
1 Unit  Grades: 11-12
Prerequisite: Chemistry I Honors or STEM Biology, Teacher Recommendation
This rigorous course meets the objectives of a general chemistry course on the college level. Topics such as the structure of matter, reactions, stoichiometry and kinetic theory of gases are presented in considerable depth. The course emphasizes lab work. This course will count as a lab science. This course is the first semester of AP Chemistry.

CHEMISTRY II AP**
1 Unit  Grades: 11-12
Prerequisite: Chemistry II Honors, Teacher Recommendation
This course will continue the in-depth study of chemistry including topics such as chemical kinetics, thermodynamics, electrochemistry, and equilibrium. Chemistry AP will prepare the student to take the Advanced Placement Exam in May. Laboratory is an important component of this course. This course will count as a lab science.

MARINE BIOLOGY ADV**
1 UNIT  GRADES: 11-12
Prerequisite: Biology I ADV or Honors and Chemistry I ADV or Honors, Teacher Recommendation
This course is designed to provide the student with an understanding of the physical components of the marine environment as well as an understanding of the ecology of life in the oceans. Students should gain an appreciation for our marine environment. The class will emphasize hands-on learning with technology, problem solving skills, and decision-making skills. This course will count as lab science. Laboratory activities, including dissections, are an integral part of the course.

PHYSICS I CP**
1 Unit  Grades: 11-12
Prerequisite: Biology I CP or Chemistry I CP, Geometry CP, Teacher Recommendation
This lab course includes studies in motion, forces, and electricity. Class content will prepare students for careers in Machine Tools, Welding, Automotive Technology, and Automotive Collision Repair. This course will count as a lab science.

PHYSICS I ADV**
1 Unit  Grades: 10-12
Prerequisite: Algebra II, Teacher Recommendation
The scope of this lab course includes extensive studies in kinematics (velocity, acceleration, graphical analysis of motion), dynamics (forces, momentum, etc.), energy, sound, light, electricity, and magnetism. The course requires a working knowledge of algebra and some geometry. This course will count as a lab science.

PHYSICS I HONORS /Pre-AP**
1 Unit  Grades: 11-12
Prerequisite: Pre-calculus, Teacher Recommendation
The scope of this introductory physics course includes mechanics, dynamics, fluids, thermodynamics, and sound. This algebra-based physics course is structured the same as most introductory college physics courses and uses a similar textbook. Students need a good understanding of Algebra I and right angle trigonometry. Approximately 25% of class time will be spent in lab work. Most students who take Physics Honors continue with AP Physics I during second semester. This course will count as a lab science. This course is the first semester of AP Physics I.

PHYSICS AP I**
1 Unit  Grades: 11-12
Prerequisite: Physics I Honors, Teacher Recommendation
This course is a continuation of Physics I Honors which must be taken in the fall of the same school year. It has the same math prerequisites and structure and should be taken consecutively to Physics I Honors. The scope of the course includes optics, electricity, magnetism, and modern physics. Preparation of the AP Physics I exam will be conducted through Free-Response and multiple choice questions. Students receiving a three or better on the exam will earn through Free-Response and multiple choice questions. Students receiving a three or better on the exam will earn from eight to ten semester hours of non-engineering college credit. This course will count as a lab science.

ENVIRONMENTAL SCIENCE AP**
1 Unit  Grades: 11-12
Prerequisite: Biology, Chemistry, Algebra II, Teacher Recommendation
This course is designed to provide students with the scientific principles, concepts, and methodologies required to understand the inter-relationships of the natural world. Students will also identify and analyze environmental problems both natural and human-made, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. This course will count as a lab science.
~ SOCIAL STUDIES ~

Students need 1 US History credit, 1/2 American Government credit, 1/2 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
- European History AP
- World Geography
- Law Education
- World History
- Human Geography AP
- Art History AP
- Psychology
- Sociology
- PSYCH 101 (Dual Enrollment)

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 can be changed.

~ US HISTORY COURSES ~

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

US HISTORY HONORS
1 Unit Grades: 11-12
Prerequisite: Teacher Recommendation
This course 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. It is strongly recommended that students have Honors English placement. US History is required for graduation. This course concludes with a state-mandated end-of-course test that counts 20% of a student’s final grade.

US HISTORY Pre-AP/HONORS
1 Unit Grades: 11-12
Prerequisite: Honors Composition & Research, Teacher Recommendation
This course presents a complete survey of American history from 1607 to the present, stressing causation and the significance of historical changes. Political, social, and economic aspects of American history are studied through in-depth readings of both primary and secondary sources. Daily reading assignments and frequent essay writing are
Students will examine politically significant concepts and characteristics of the political culture of the United States. This course introduces students to key political ideas, theory, constitutional basis, and structure of American government, and citizen involvement in the political system. This course examines basic political theory and introduces students with knowledge and skills they need in order to understand and participate wisely in the American political system. A comprehensive introduction to fundamental political concepts provides students who successfully complete the AP exam. Participating colleges may grant credit and appropriate placement to students who successfully complete the AP exam.

US HISTORY AP
1 Unit  Grades: 11-12
Prerequisite: US History Pre-AP/Honors
This course provides students with the analytic and interpretive skills and factual knowledge necessary to deal critically with the problems and content of US history from 1865 through the present. The course prepares students for intermediate and advanced college courses. Students will assess historical materials – their relevance to given interpretive problems, their reliability, and significance – and evaluate the evidence and interpretations presented in historical scholarship. Emphasis will be placed on preparation for the AP exam. Mature reading and writing skills are mandatory for those enrolled in this course. The course outline follows those suggested by the College Board. Prospective students should possess a strong commitment to academic pursuits as well as high reading aptitude scores or outstanding grade reports in the humanities. Participating colleges may grant credit and appropriate placement to students who successfully complete the AP exam. This course concludes with a state-mandated end-of-course test that counts 20% of a student’s final grade.

– GOVERNMENT COURSES –

AMERICAN GOVERNMENT
1/2 Unit  Grades: 10-12
Prerequisite: None
This course is a general overview of the legislative, executive, and judicial branches of the national and state governments. We will cover the basic foundation of American democracy, and vocabulary building as an integral part of this course. Students will prepare for a life-long career as a voting U.S. citizen.

AMERICAN GOVERNMENT HONORS
1/2 Unit  Grades: 10-12
Prerequisite: Teacher Recommendation.
This course allows students to examine the theory and practice of U.S. Government. A comprehensive introduction to fundamental political concepts provides students with knowledge and skills they need in order to understand and participate wisely in the American political system. This course examines basic political theory and governmental system, American political development theory, constitutional basis and structure of American government, and citizen involvement in the political system. Additional outside reading will be required as well as closely watching and discussing current political events. There will be a nine week project that students will have to utilize skills learned in the classroom and apply to the project.

AMERICAN GOVERNMENT AP
1 Unit  Grades: 11-12
Prerequisite: Honors or AP Social Studies or Teacher Recommendation
This course introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. Students will 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 will take the AP exam in the spring. Participating colleges may grant credit and appropriate placement to students who successfully complete the AP exam.

– ECONOMICS COURSES –

ECONOMICS
1/2 Unit  Grades: 10-12
Prerequisite: None
This course seeks to teach students how to evaluate choices. Students will learn how the science of economics uses data to analyze, interpret, and predict the behavior of individuals and institutions based on incentives. This course covers the basic foundations of microeconomics and macroeconomics as well as emphasizing personal finance decision-making.

ECONOMICS HONORS
1/2 Unit  Grades: 10-12
Prerequisite: Teacher Recommendation
The social science of Economics uses data to analyze, interpret, and predict the behavior of individuals and institutions based on incentives. The goal of this study is to teach a student how to evaluate choices. Scarcity forces all entities – individuals, communities, and nations – to choose from available resources to meet their needs. Students will learn how the science of economics uses data 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 a mini-project with that unit. Students will also have a nine week project they must complete across the entire course. This will be on companies/businesses.

MICROECONOMICS AP
1 Unit  Grades: 11-12
Prerequisite: Honors or AP Social Studies or Teacher Recommendation
The purpose of the one semester AP course in microeconomics is 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 will take the AP exam in the spring. Participating colleges may grant credit and appropriate placement to students who successfully complete the AP exam.

– OTHER SOCIAL STUDIES COURSES –

CONTEMPORARY ISSUES A*
1/2 Unit  Grades: 10-12
Prerequisite: None
This course is an introductory course designed to familiarize students with the history, institutions, and challenges of American Society. Students will identify and analyze current world and national political events, as well as local events and how they relate to and affect American society.
Current events will be the major topic of discussion in class and questions resulting from discussions will be the basis for examinations. This course will count toward the Other Social Studies graduation requirement.

**CONTEMPORARY ISSUES B***

1/2 Unit Grades: 10-12  
Prerequisite: None  
This course is a continuation of Contemporary Issues. Students may take this class independently or in conjunction with Contemporary Issues A. This course will count toward the Other Social Studies graduation requirement.

**CIVICS A***

1/2 Unit Grade: 9-12  
Prerequisite: None  
This course is designed to give students the opportunity to learn about the meaning of citizenship. Our study will include the rights we have as US citizens and the many duties and responsibilities we must fulfill. Contributing to the common good will be emphasized. The course will also provide a brief look at the three branches of government and the Constitution. This course will count toward the Other Social Studies graduation requirement.

**CIVICS B***

1/2 Unit Grades: 9-12  
Prerequisite: None  
This course is a continuation of Civics A. Students may take this class independently or in conjunction with Civics A. This course will explore the basics of voting and elections, the roles of local and state governments, and an overview of the American legal and economic systems. This course will count toward the Other Social Studies graduation requirement.

**EUROPEAN HISTORY AP***

1 Unit Grades: 10-12  
Prerequisite: Honors or AP Social Studies or Teacher Recommendation  
The AP European History course consists of an intense and thorough study of European civilization from 1450 to the present. It is a college-level course that uses lectures, class discussions, independent studies, readings from primary/secondary sources, and timed writings. This course is designed for those who are interested in an in-depth study of major movements, problems, and crises of European history. Students will take the AP exam in the spring. Participating colleges may grant credit and appropriate placement to students who successfully complete the AP exam. This course will count for the Other Social Studies graduation requirement.

**HUMAN GEOGRAPHY AP***

1 Unit Grades: 9-12  
Prerequisite: Honors or AP Social Studies or Teacher Recommendation  
What is human geography? Geography can be divided into either physical or human geography. Physical geography is the study of how forces of nature shape the environment (wind, rivers, glaciers, etc.). Human geography asks, “How do humans shape the earth’s landscape?” The AP Human Geography course seeks to answer this question by examining the roles that population, migration, religion, language, ethnicity, urbanization, and economic development play as humans shape earth’s landscape. Students will take the AP exam in the spring. Participating colleges may grant credit and appropriate placement to students who successfully complete the AP exam. This course will count for the Other Social Studies graduation requirement.

**LAW EDUCATION A***

1/2 Unit Grades: 10-12  
Prerequisite: None  
This course is designed for any student who has an interest in a legal or law related field of work. This course will include an overview of laws and values, human rights, lawmaking, advocacy, the court system, the role of lawyers and an introduction to criminal law. This course will count toward the Other Social Studies graduation requirement.

**LAW EDUCATION B***

1/2 Unit Grades: 10-12  
Prerequisite: None  
This course is a continuation of Law Education A. Students may take this class independently or in conjunction with Law Education A. The course will include a continued look at the criminal justice system comprising the nature of crime and the criminal justice process including investigation, trial proceedings, sentencing and corrections. This course will count toward the Other Social Studies graduation requirement.

**LAW EDUCATION HONORS***

1 Unit Grades: 10-12  
Prerequisite: Composition & Research Honors  
This course 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 throughout the community encompassing a variety of legal disciplines. This is a fast-paced, rigorous, and writing intensive course. This course will count for the Other Social Studies graduation requirement.

**PSYCHOLOGY CP***

1 Unit Grades: 11-12  
Prerequisite: Not open to students in English ADV or Honors  
This survey 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 Grade: 11-12  
Prerequisite: English ADV or Honors  
This survey 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.
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 AP*
1 Unit  Grade: 11-12
Prerequisite: English ADV or Honors or Teacher Recommendation
This course is an intense study of psychology including topics such as personality theory, psychological disturbances, human development, and principles of learning. Students take the AP Psychology exam in the spring. Participating colleges grant credit or placement to students who pass the exam. This course will count for the Other Social Studies graduation requirement.

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. The course will be an introduction to the science of sociology through the study of contemporary society. Topics to be covered 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 the 5 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 will count for the Other Social Studies graduation requirement. At DFC, this class is taken in conjunction with Contemp. Issues A.

WORLD HISTORY I ADV*
1 Unit  Grade: 9
Prerequisite: Enrollment in English I ADV
World History I ADV is a survey 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 13 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 HONORS*
1 Unit  Grade: 9
Prerequisite: Enrollment in English I Pre-AP or Honors, Teacher Recommendation
World History I Honors 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 13 social, political, geographical, and economical changes of Africa, Asia, Europe, and the Americas. The Honor’s level course involves in-depth research and ancillary readings and is designed to prepare students for AP level courses and for higher education at the college level. This course will count for the Other Social Studies graduation requirement.

WORLD HISTORY II HONORS*
1 Unit  Grade: 10
Prerequisite: World History I Honors and Teacher Recommendation or Human Geography AP
World History II Honors is designed to offer tenth grade students a greater depth of study. It includes the history of the world since A.D. 1500, the geography of the earth and the influence of geography on the human systems of the world, the functions and evolution of government, and the economic principles of this time period. The course moves at a faster pace than the CP level course and involves greater research and ancillary readings. This course will count for the Other Social Studies graduation requirement.

WORLD HISTORY AP*
1 Unit  Grades: 10-12
Prerequisite: Honors or AP Social Studies or Teacher Recommendation
The AP World History consists of a survey study human history from prehistory to present. It is a college-level course in which students will develop a greater understanding of the evolution of global processes and contact including interactions over time. The course highlights the nature of changes in the international frameworks and their causes and consequences, as well as comparisons among major societies. Students will take the AP World History exam in the spring. Participating colleges may grant credit and appropriate placement to students who successfully complete the AP World History exam.

— SOCIAL STUDIES ELECTIVES —

EXPLORING AMERICAN HISTORY
1 Unit  Grade: 10-12
Prerequisite: None
This project-based course is designed to prepare students for success in the US History: Colonial Period to Present CP Course. The course will explore the current South Carolina US History and Constitution standards, introduce students to historical thinking skills, and foster helpful study and note-taking skills as well. Students who complete this course will be well-prepared to take US History and its challenging End of Course Exam. This course, however, will not count for the US History graduation requirement.

AP ART HISTORY
1 Unit  Grade: 10-12
Prerequisite: English ADV or Honors or Teacher Recommendation
AP Art History is designed to prepare students for the Advanced Placement exam in May. The course covers major movements and periods in art history from pre-civilization to the present. Coursework will include extensive writing and research, slide lecture, presentations, and visits to local museums. This course will also count as a Fine Arts credit.
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:
- French
- German
- Spanish

For entrance to four-year college programs, students typically need 2 World Language credits of the same language.

All World Language courses are taught using the Five C’s of World Language Standards - 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 can be changed.

--- FRENCH COURSES ---

FRENCH I ADV*
1 Unit Grades: 10-12
Prerequisite: None
French I is an introductory course to the French language and culture. Oral participation, vocabulary development, listening, written and reading skills are emphasized through thematic units.

FRENCH I HONORS*
1 Unit Grades: 9-12
Prerequisite: Enrollment in English Pre-AP or Honors, Teacher Recommendation
French I Honors is an intense introductory course in the language and culture of France and French speaking areas of the world. Studies are conducted at a pace and level appropriate to advanced students. Oral participation, vocabulary development, listening, written and reading skills are emphasized through thematic units. This course is designed to promote the knowledge and skills needed to participate in the upper-level French courses.

FRENCH II ADV*
1 Unit Grades: 10-12
Prerequisite: French I, Teacher Recommendation
French II concentrates on sharpening the communicative skills acquired in French Level I. Oral participation, vocabulary development, listening, written and reading skills are emphasized through thematic units. Vocabulary expansion will continue to be stressed and an appreciation of cultural differences continues as the many French speaking countries are explored.

--- GERMAN COURSES ---

GERMAN I ADV*
1 Unit Grades: 10-12
Prerequisite: None
German I is an introductory course to the German language and culture. Oral participation, vocabulary development, listening, written and reading skills are emphasized through thematic units.

GERMAN I HONORS*
1 Unit Grades: 9-12
Prerequisite: Enrollment in English Pre-AP or Honors, Teacher Recommendation
German I Honors is an intense introductory course to the German language and culture. Studies are conducted at a pace and level appropriate to advanced students. Oral participation, vocabulary development, listening, written and reading skills are emphasized through thematic units. This course is designed to promote the knowledge and skills needed to do well in the upper-level German courses.
GERMAN II ADV*
1 Unit Grades: 10-12
Prerequisite: German I, Teacher Recommendation
German II concentrates on sharpening the communicative skills acquired in German level I. Oral participation, vocabulary development, listening, written and reading skills are emphasized through thematic units. Vocabulary expansion will continue to be stressed and an appreciation of cultural differences continues as the many German-speaking countries are explored.

GERMAN II HONORS*
1 Unit Grades: 10-12
Prerequisite: German I Honors, Teacher Recommendation
German II Honors reviews the oral, written, listening and reading skills introduced in German I Advanced. Studies are conducted at a pace and level appropriate to advanced students. Vocabulary expansion and cultural appreciation continue. The course is designed to promote the skills necessary to continue in the German Honors courses.

GERMAN III ADV*
1 Unit Grades: 10-12
Prerequisite: German II, Teacher Recommendation
This course is designed for students who would like to continue their study of German. Concentration will be on the continued expansion of oral participation, vocabulary development, listening, written and reading skills required in the previous courses.

GERMAN III HONORS
1 Unit Grades: 10-12
Prerequisite: German II Honors, Teacher Recommendation
This course is designed for students who have successfully completed Spanish II Advanced and wish to continue their studies of the Spanish language and culture. Oral participation, vocabulary development, listening, written and reading skills are emphasized more in depth through thematic units. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester at the developing and expanding stages.

GERMAN IV HONORS
1 Unit Grades: 11-12
Prerequisite: German III Honors, Teacher Recommendation
This class is a synthesis of the acquired skills and further development of the listening, reading, written and spoken abilities in the language. This course will further assist students with their language development and prepare them for proper college placement. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester at the expanding stage. Students are expected to use the language in class.

--- SPANISH COURSES ---

SPANISH I ADV*
1 Unit Grades: 10-12
Prerequisite: None
Spanish is an introductory course to the Spanish language and culture. Oral participation, vocabulary development, listening, written and reading skills are emphasized through thematic units.

SPANISH I HONORS*
1 Unit Grades: 9-12
Prerequisite: Enrollment in English Pre-AP or Honors and Teacher Recommendation.
Spanish I Honors is an intense introductory course to the Spanish language and culture. Studies are conducted at a pace and level appropriate to advanced students. Oral participation, vocabulary development, listening, written and reading skills are emphasized through thematic units. This course is designed to promote the knowledge and skills needed to do well in upper-level Spanish courses.

SPANISH II ADV*
1 Unit Grades: 10-12
Prerequisite: Teacher Recommendation
Spanish II concentrates on sharpening and expanding the communicative skills acquired in Spanish Level I. Oral participation, vocabulary development, listening, written and reading skills are emphasized through thematic units. Vocabulary expansion will continue to be stressed and an appreciation of cultural differences continues as the many Spanish speaking countries are explored.

SPANISH II HONORS*
1 Unit Grades: 10-12
Prerequisite: Spanish I Honors, Teacher Recommendation
Spanish II Advanced reviews and expands upon the oral, written, listening and reading skills introduced in Spanish I Advanced. Studies are conducted at a pace and level appropriate to advanced students. Vocabulary expansion and cultural appreciation continue. This course is designed to promote the skills necessary to do well in the honors courses that lead to the AP program.

SPANISH III ADV*
1 Unit Grades: 10-12
Prerequisite: Spanish II, Teacher Recommendation
This course is designed for students who would like to continue their study of Spanish. Concentration will be on the continued expansion of oral, written, listening and reading skills acquired in the previous course.

SPANISH III HONORS*
1 Unit Grades: 10-12
Prerequisite: Spanish II ADV or Honors and Teacher Recommendation
This course is designed for students who have successfully completed Spanish II Advanced who desire to complete the AP course. Oral participation, vocabulary development, listening, written and reading skills are emphasized more in depth through thematic units.
SPANISH IV HONORS*  
1 Unit Grades: 11-12  
Prerequisite: Spanish III Honors, Teacher Recommendation  
This class is a synthesis of the acquired skills and further development of the oral, listening, written and reading abilities in the language. This course will assist students with their language development and prepare them for proper college placement. Students are expected to use the language in class.

SPANISH AP*  
1 Unit Grade: 12  
Prerequisite: Spanish IV Honors, Teacher Recommendation  
This class intensively prepares the students for the AP Exam. It is an in-depth review of the skills previously acquired. Authentic materials will be utilized to enhance vocabulary and communicative skills. Students are expected to use the language in class.

SPANISH FOR THE HERITAGE SPEAKER I*  
1 Unit Grades 10-12  
Prerequisite: Home language classified as Spanish  
Spanish for the Heritage Speaker is an introductory course to the Spanish language and culture specifically for heritage Speakers of Spanish. Oral participation, vocabulary development, listening, written and reading skills are developed with special emphasis on grammar, reading, and composition.

SPANISH FOR THE HERITAGE SPEAKER II*  
1 Unit Grades: 10-12  
Prerequisite: Home language classified as Spanish, Completion of Spanish for the Heritage Speaker I or Spanish I, Teacher Recommendation  
Spanish for the Heritage Speaker II concentrates on sharpening and expanding the skills acquired in Level I. Oral participation, vocabulary development, listening, written and reading skills are emphasized through thematic units. A special emphasis will be placed on grammar, reading, and composition.

~ COMPUTER SCIENCE AND BUSINESS~

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:
- All PLTW Engineering Courses
- AP Computer Science Principles
- Digital Desktop Publishing
- Digital Multimedia
- Fundamentals of Computing
- Google Applications
- Image Editing I
- Integrated Business Applications I
- Web Page Design & Development
- Architectural Design I (RDA Course)
- Commercial Graphics I (RDA Course)
- Mechanical Design I (RDA Course)
- Web Design I (RDA Course)
- CPT 101 (Dual Enrollment 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 can be changed.

INTEGRATED BUSINESS APPLICATIONS I*  
1 Unit Grades: 9-12  
Prerequisite: None  
This course teaches software applications for a technological society. Applications include word processing, database, spreadsheet, and presentation. Content also includes computer hardware, terminology, and concepts. This course will count for the Computer Science graduation requirement.

DIGITAL MULTIMEDIA*  
1 Unit Grades: 9-12  
Prerequisite: None  
This course covers multimedia concepts and applications utilizing text, graphics, animation, sound, video, Web, and applications in the design, development, and creation of multimedia presentations and publications. Students will create an e-portfolio and other independent projects. Coding with HTML, Alice and Code.org is required. This course will count for the Computer Science graduation requirement.

GOOGLE APPLICATIONS*  
1 Unit Grades: 10-12  
Prerequisite: None  
This course is designed to introduce students to many Google applications by building on the introduction of computer concepts and incorporating emerging technologies. It will prepare students for learning and working in the 21st century through communication and collaboration tools. Real world activities strengthen students’ technology skills in the continually-changing online Google community. This course will count for the Computer Science graduation requirement.
FUNDAMENTALS OF COMPUTING*
1 Unit  Grades: 10-12
Prerequisite: None
This course introduces students to the field of computer science through an exploration of various software tools/programming languages. The course focuses on the conceptual ideas of computing and helps students understand tools and languages used to solve specific problems. The goal of the course is to develop problem solving and critical thinking skills within the context of problems relevant to today’s students. This course will count for the Computer Science graduation requirement.

DIGITAL DESKTOP PUBLISHING*
1 Unit  Grades: 10-12
Prerequisite: Students must have already earned one Computer Science credit
This course is an introduction to graphic design, using graphics and text to create professional publications. Using Adobe InDesign, students create, format, illustrate, design, edit and print publications such as posters, newsletters, flyers, brochures, advertising materials, etc.. This course will count for the Computer Science graduation requirement.

IMAGE EDITING I*
1 Unit  Grades: 10-12
Prerequisite: None
This course provides the student with knowledge and skills needed to use digital imaging software to edit and design images and graphics. Students also learn technologies related to digital imaging such as basic computer operations, file sharing, digital scanning, digital photography, and preparing documents for media output. This course will count for the Computer Science graduation requirement.

WEB PAGE DESIGN AND DEVELOPMENT I*
1 Unit  Grades: 11-12
Also Known As: Web Design I (RDA Course)
Prerequisite: Students must have already earned one Computer Science credit
This course is designed to provide students with the knowledge and skills needed to design web pages. Students will develop skills to design, implement, and maintain a web site using authoring tools. This course is the same credit and curriculum as Web Design I (taught at RDA) but is taught on Dorman's campus. This course will count for the Computer Science graduation requirement.

COMPUTER SCIENCE PRINCIPLES AP*
1 Unit  Grades: 10-12
Prerequisite: Algebra II ADV
This course offers a multidisciplinary approach to learning the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. This course will count for the Computer Science graduation requirement.

— COMPUTER SCIENCE & BUSINESS ELECTIVES —

ACCOUNTING I
1 Unit  Grades: 10-12
Prerequisite: Algebra I
This course helps students develop skills necessary for the highly technical interaction between accounting and business, to develop an understanding of the accounting cycle as applied to business operations, and to develop an understanding of accounting concepts, principles, and practices. Students use computers simulations to see the advantage of technology in accounting procedures.

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 computers simulations to demonstrate accounting procedures

PERSONAL FINANCE
1 Unit  Grades: 9-12
Prerequisite: None
This course introduces students to basic financial literacy skills, including budgeting, credit, checking, financial analysis, computing payroll, recording business transactions, and applying computer operations to financial management.

FUNDAMENTALS OF BUSINESS, MARKETING, AND FINANCE
1 Unit  Grade: 9-12
Prerequisite: None
This course introduces students to careers in business, marketing, and finance. Students gain a basic understanding of business operations and management concepts while learning about corporate enterprise and its global role.

BUSINESS FINANCE
1 Unit  Grades: 10-12
Prerequisite: Accounting I
This course is designed to provide students with a foundation in corporate business finance concepts and applications including fundamentals, financial environment, management planning, maintenance and analysis of financial records, long and short term financial activities, financial business activities, financial institutions and banking services, consumer credit, business insurance, technology and financial management, and international finance.

BUSINESS PRINCIPLES AND MANAGEMENT
1 Unit  Grades: 10-12
Prerequisite: Students must have already earned one Computer Science credit
Students develop a foundation and appreciation for the activities, problems, and decisions intrinsic to the management of a successful business. Areas examined include business organization, ethical and legal responsibilities, communication, decision-making, personnel, safety, professional development and related careers.
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:
- Interior Design
- Fashion Design & Apparel Construction
- Family and Consumer Sciences
- Family Life Education
- Food Science & Dietetics
- Child Development
- Human Development
- Sports Nutrition
- Sports & Entertainment Marketing

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 can be changed.

--------------------------------------------------------------------

INTERIOR DESIGN  I*
1 Unit Grades: 10-12
Prerequisite: None
This course focuses on the study of interior planning with emphasis on basics of design. Students will develop a global view and weigh design decisions within the parameters of ecological, socioeconomic, and cultural contents. Concepts are applied with hands-on experiences as students study career paths, design, products, materials, and professionalism. Projects are integrated throughout the course work.

FASHION DESIGN & APPAREL CONSTRUCTION I*
1 Unit Grades: 10-12
Prerequisite: None
Fashion Design & Apparel Construction I is a basic course designed to develop skills in the selection, purchase, design, care, and construction of textile products. The course emphasizes critical thinking skills needed for making wise consumer choices and career decisions.

FASHION DESIGN & APPAREL CONSTRUCTION II*
1 Unit Grades: 11-12
Prerequisite: Fashion Design & Apparel Construction I, Teacher Recommendation
This comprehensive course is designed to advance skills in the selection, purchase, design, care, and construction of textile products. Contextual learning experiences develop critical thinking skills needed for success in professional environments.

FAMILY AND CONSUMER SCIENCES I*
1 Unit Grade: 9
Prerequisite: None
This comprehensive course provides students with the core knowledge and skills needed to manage their lives. Project-based instruction provides students with opportunities to utilize higher-order thinking, communication, and leadership skills impacting families and communities. Concepts incorporate interpersonal relationships, career, community, and family connections, family, nutrition and wellness, parenting, and housing into a rigorous, relevant curriculum.

FAMILY LIFE EDUCATION I*
1 Unit Grades: 10-12
Prerequisite: None
This course helps students develop an understanding of various aspects of human relationships with emphasis placed on the unique needs and interests of individuals and families. Topics include physical, mental, emotional, social, economic and psychological development.

FAMILY LIFE EDUCATION II*
1 Unit Grades: 11-12
Prerequisite: Family Life Education I
This course is designed to further develop an understanding of the unique dynamics of families.

FOOD SCIENCE & DIETETICS I*
1 Unit Grades: 10-12
Prerequisite: None
Discover the science behind your favorite foods! How is root beer made? Are all additives bad? Will you get sick if you eat mold? These questions and more will be answered. Learn biology, chemistry, and physics as you investigate principles of food processing and food science. Topics to be covered include food safety and regulations, processing and preservation, product development, and nutritional content of various foods. The course places emphasis on hands-on lab activities and discussion.

CHILD DEVELOPMENT I*
1 Unit Grades: 10-12
Prerequisite: None
Child Development I focuses on the physical, social, emotional, and cognitive growth and development of children. Emphasis is placed on helping students acquire knowledge and skills essential to the care and guidance of children. Students learn to create environments that promote optimal development. Factors impacting a child’s development from conception through childhood are explored.

SPORTS NUTRITION I*
1 Unit Grades: 10-12
Prerequisite: None
Sports Nutrition I is designed for all students. This course examines the relationship between nutrition, physical performance, and overall wellness. Students will learn how to choose nutritious foods for healthy lifestyles and peak performance. Health and disease prevention through nutrition, physical activity, and wellness practices are essential components of the course.
SPORTS NUTRITION II*
1 Unit Grades: 11-12
Prerequisite: Sports Nutrition I
This is an essential course in advancing the knowledge base of nutritional needs. This course emphasizes the metabolic process and management of food choices for optimal health and physical performance. Students are challenged to develop personal fitness and nutrition plans.

SPORTS & ENTERTAINMENT MARKETING*
1 Unit Grades: 10-12
Prerequisite: None
This program is for students who wish to pursue careers in the various areas of the sports and entertainment industry. This includes careers in box office management and sales, group sales, public sales, marketing, operations, development and sports programming.

HUMAN DEVELOPMENT*
1 Unit Grades: 10-12
Prerequisite: None
Do you really know yourself? Has technology taken over your life to the point where you don’t like to have a face to face conversation with another human being? Learn more about yourself by enrolling in Human Development: Responsible Life Choices 1. This course addresses development and wellness of individuals and families. Current information is provided about the physical, psychological, and emotional maturation process. Unit topics include interpersonal relationships, family life education, adolescent development, health and wellness, pregnancy and parenthood, and careers. This course includes requirements specified in the Comprehensive Health Education Act. Integration of 21st Century Skills, the Family and Consumer Sciences Pre-Professional Assessment Certification (Pre-PAC) competencies and the student organization, Family, Career and Community Leaders of America (FCCLA) greatly enhances this curriculum.

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 can be changed.

— ART APPRECIATION COURSES —

FINE ARTS APPRECIATION ADV
1 Unit Grade: 9
Prerequisite: English ADV or Honors Teacher Recommendation
The fine arts appreciation course is an advanced study of the arts disciplines (dance, music, and visual art, each integrated with creative writing and media literacy) that provides a framework to develop and nurture students’ understanding of the historical development of and present existence of the arts. Students connect and apply learning in each arts discipline to other academic areas and to relevant careers. This course will also introduce students to the different career clusters and majors included in the School of Arts and Humanities.

AP ART HISTORY
1 Unit Grade: 10-12
Prerequisite: English ADV or Honors or Teacher Recommendation
AP Art History is designed to prepare students for the Advanced Placement exam in May. The course covers major movements and periods in art history from pre-civilization to the present. Coursework will include extensive writing and research, slide lecture, presentations, and visits to local museums.

— MEDIA ARTS COURSES —

MEDIA ARTS
1 Unit Grade: 9
Prerequisite: Application with English Teacher Recommendation
Media Arts 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.
### ART I VISIONS

**1 Unit Grades: 9-12**  
*Prerequisite: None*  
Art I Visions is designed for students in the GT program. Fundamentals of drawing, painting, printmaking, collage, and sculpture are covered. The course serves as a prerequisite to Art II, Painting, Printmaking, and Sculpture for students who maintain a “B” average or higher. Students will maintain a notebook which will contain notes as well as weekly drawing assignments. There is a $30.00 supply fee for this course.

### ART I: DESIGN PRINCIPLES

**1 Unit Grades: 9-12**  
*Prerequisite: None*  
Design Principles is an introductory semester course for students interested in developing basic art knowledge and skills. Successful completion of this course will fulfill the fine art credit requirement. The course will introduce students to art elements and principles of design. A variety of art forms will be explored including drawing, painting, printmaking, collage, and sculpture. Students will keep an art notebook. No prior experience in art is required. There is a $30 supply fee for this course. *Students who successfully complete the course with a “B” may enroll in Art I or an Art II course with Art teacher recommendation.*

### ART I

**1 Unit Grades: 9-12**  
*Prerequisite: None*  
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. The first part of the course is devoted to building drawing and observational art skills. During the second part, students will use skills learned to explore different art media. Drawing, painting, printmaking, collage, and sculpture are the major art forms covered through this course. The course serves as a prerequisite to all Art II courses. Students will keep a notebook. No prior experience in art is required. There is a $30 supply fee for this course. *Successful completion of this course, maintaining a “B” average or higher, and Art teacher recommendation can qualify students for one of the Art II courses.*

### ART I: INTRO TO 3-D DESIGN

**1 Unit Grade: 9**  
*Prerequisite: None*  
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. Students will examine traditional and contemporary works of 3D art, artifacts, and design. This course will promote problem-solving, creative thinking, and formal expression.

The course serves as a prerequisite to all Art II courses. Students will keep a notebook/sketchbook. There is a $30 supply fee for this course. *Successful completion of this course, maintaining a “B” average or higher, and Art teacher recommendation can qualify students for one of the Art II courses.*

### ART II: DRAWING

**1 Unit Grades: 10-12**  
*Prerequisite: Art I or Design Principles, Art Teacher Recommendation*  
This course is designed for art students who want to enhance their 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. Students will work to enhance their drawing skills throughout the course and maintain a mixed media sketchbook. Work created in this class can help build a high school art portfolio. *Students must have maintained a “B” average in Art I or Design Principles to be eligible to take this course. There is a $30 supply fee for this course. *Successful completion of this course, maintaining a “B” average or higher, and Art teacher recommendation can qualify students for Art III or an additional Art II course.*

### ART II: MIXED MEDIA

**1 Unit Grades: 10-12**  
*Prerequisite: Art I or Design Principles, Art Teacher Recommendation*  
This course is designed for art students who want to further their art knowledge and skills by focusing on the fundamentals of art. The first part of the course is devoted to building drawing and observational art skills. During the second part, students will use skills learned to explore different art media. Drawing, painting, printmaking, collage, and sculpture are the major art forms covered through this course. The course serves as a prerequisite to all Art II courses. Students will keep a notebook. No prior experience in art is required. There is a $30 supply fee for this course. *Successful completion of this course, maintaining a “B” average or higher, and Art teacher recommendation can qualify students for one of the Art II courses.*

### ART II: PAINTING

**1 Unit Grades: 10-12**  
*Prerequisite: Art I or Design Principles, Art Teacher Recommendation*  
This course is designed for art students who want to further their art knowledge and skills by focusing on the fundamentals of art. The first part of the course is devoted to building drawing and observational art skills. During the second part, students will use skills learned to explore different art media. Drawing, painting, printmaking, collage, and sculpture are the major art forms covered through this course. The course serves as a prerequisite to all Art II courses. Students will keep a notebook. No prior experience in art is required. There is a $30 supply fee for this course. *Successful completion of this course, maintaining a “B” average or higher, and Art teacher recommendation can qualify students for one of the Art II courses.*

### ART II: DESIGN PRINCIPLES

**1 Unit Grades: 10-12**  
*Prerequisite: Art I or Design Principles, Art Teacher Recommendation*  
This course is designed for art students who want to further their art knowledge and skills by focusing on the fundamentals of art. The first part of the course is devoted to building drawing and observational art skills. During the second part, students will use skills learned to explore different art media. Drawing, painting, printmaking, collage, and sculpture are the major art forms covered through this course. The course serves as a prerequisite to all Art II courses. Students will keep a notebook. No prior experience in art is required. There is a $30 supply fee for this course. *Successful completion of this course, maintaining a “B” average or higher, and Art teacher recommendation can qualify students for one of the Art II courses.*

### ART II: PAINTING

**1 Unit Grades: 10-12**  
*Prerequisite: Art I or Design Principles, Art Teacher Recommendation*  
This course is designed for art students who want to further their art knowledge and skills by focusing on the fundamentals of art. The first part of the course is devoted to building drawing and observational art skills. During the second part, students will use skills learned to explore different art media. Drawing, painting, printmaking, collage, and sculpture are the major art forms covered through this course. The course serves as a prerequisite to all Art II courses. Students will keep a notebook. No prior experience in art is required. There is a $30 supply fee for this course. *Successful completion of this course, maintaining a “B” average or higher, and Art teacher recommendation can qualify students for one of the Art II courses.*

### ART II: MIXED MEDIA

**1 Unit Grades: 10-12**  
*Prerequisite: Art I or Design Principles, Art Teacher Recommendation*  
This course is designed for art students who want to further their art knowledge and skills by focusing on the fundamentals of art. The first part of the course is devoted to building drawing and observational art skills. During the second part, students will use skills learned to explore different art media. Drawing, painting, printmaking, collage, and sculpture are the major art forms covered through this course. The course serves as a prerequisite to all Art II courses. Students will keep a notebook. No prior experience in art is required. There is a $30 supply fee for this course. *Successful completion of this course, maintaining a “B” average or higher, and Art teacher recommendation can qualify students for one of the Art II courses.*
**ART II: SCULPTURE**
1 Unit Grades: 10-12
Prerequisite: Art I, Art I: Intro to 3-D Design, or Design Principles; Art Teacher Recommendation

This is a specialized course for art students interested in creating and learning about three-dimensional art. Students will gain experience with a wide variety of materials such as clay, plaster, wire, wood, paper, and found objects to develop sculptures. Students will explore the sculptural techniques of constructing, casting, carving, and assemblage. Students will learn to photograph their work and maintain a digital portfolio of their work. **Students must have maintained a “B” average in Art I, Art I: Intro to 3-D Design, or Design Principles to be eligible to take this course.** There is a $30 supply fee for this course. *Successful completion of this course, maintaining a “B” average or higher, and art teacher recommendation can qualify students for Advanced Sculpture or AP Studio 3-D Design (with portfolio review and art teacher recommendation).*

**ADVANCED SCULPTURE**
1 Unit Grades: 11-12
Prerequisite: Art II: Sculpture, Art Teacher Recommendation, Digital Portfolio Review

This course is for students interested in an advanced exploration of three-dimensional art. Students will expand upon their previous experiences in sculpture to develop their technical and conceptual knowledge and skills of three-dimensional art making. Students are required to apply sculptural design issues using a variety of methods and materials within thematic design. Students will critique and revise their 3D works as they expand their digital art portfolio and create effective presentations. The course prepares students for the AP Studio 3D Design Portfolio. **Students must have maintained a “B” average in Art II: Sculpture to be eligible to take this course.** There is a $30 supply fee for this course. *Successful completion of this course, maintaining a “B” average or higher, and Art teacher recommendation can qualify students for AP Studio 3-D Design.*

**ADVANCED PAINTING**
1 Unit Grades: 11-12
Prerequisite: Art II: Painting, Art Teacher Recommendation

Advanced Painting is an advanced study of the painting techniques and concepts introduced in Art II: Painting. Students will further develop their knowledge of color theory and composition with an emphasis on the study of contemporary artists and processes. Advanced Painting students will use a variety of painting techniques and media including an exploration of paint application methods, large-scale works, and alternative surfaces. Students will also learn to organize their work into digital portfolio presentations. **Students must have maintained a “B” average in Art II: Painting to be eligible to take this course.** There is a $30 supply fee for this course. *Successful completion of this course, maintaining a “B” average or higher, and Art teacher recommendation can qualify students for Art IV.*

**ART IV HONORS**
1 Unit Grades: 11-12
Prerequisite: Art III or Advanced Painting, Portfolio Review, Art Teacher Recommendation

Students in Art IV will draw upon their previous experiences in art to expand their technical and conceptual skills. A variety of art approaches will be explored to complete the Concentration section (comprised of 12 quality images), part two of the AP portfolio. Students will be required to keep an extensive notebook and sketchbook with weekly assignments. Students are required to complete two quality artworks over the summer prior to taking this class in the fall. Art IV is considered the pre AP class, so this course is required in the fall before taking AP Studio Art 2D/Drawing in the spring semester. **Students must have maintained a “B” average in Art III or Advanced Painting to be eligible to take this course.** *Successful completion of Art IV, maintaining a “B” average or higher can qualify students for more advanced study. There is a $30 supply fee for AP Studio 2-D Design or AP Studio Drawing.*

**ART III**
1 Unit Grades: 11-12
Prerequisite: Art II (Drawing, Painting, Mixed Media), Art Teacher Recommendation

Art III combines creativity and technical skills to solve a variety of visual art assignments. This course will draw upon art history, advanced techniques, professional materials, and critical thinking skills. The first nine weeks focuses on drawing from observation and the second nine weeks is more problem-solving based on student decision-making and art media choices. Students will keep a sketchbook and have regular homework assignments due. Success in this course as a junior is essential for students seeking AP Studio Art credit during their senior year. **Students must have maintained a “B” average or higher in Art II: Painting, Mixed Media, or Drawing to be eligible to take this course.** There is a $30 supply fee for this course. *Successful completion of this course, maintaining a “B” average or higher, and Art teacher recommendation can qualify students for Art IV.*

**AP STUDIO ART: 3-D DESIGN**
1 Unit Grades: 11-12
Prerequisite: Art II: Sculpture, Advanced Sculpture, Art Teacher Recommendation, Digital Portfolio Review, and Interview

Through this course, students develop an original, thematic body of 3-Dimensional art based on the student’s interest in a particular visual and conceptual idea. Students will complete the Concentration section (comprised of 12 quality works), part two of the AP portfolio. This course requires students to demonstrate a conscious and deliberate application of sculptural design issues using various methods and materials. These include, but are not limited to, wire, metal, wood, clay, fiber, fabric, and paper. Students will learn how to organize their works in a digital art portfolio, create effective presentations, develop an art resume, and participate in numerous art activities. **Successful completion of this portfolio, based on the AP College Board’s final score, can earn college credit for students.** There is a $30 supply fee for this course.
AP STUDIO ART: 2-D DESIGN
1 Unit  Grades: 11-12
Prerequisite: Art IV, Art Teacher Recommendation, Portfolio Review, and Interview
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 Concentration section (comprised of 12 quality images), part two of the AP portfolio. In 2-D Design, you are asked to demonstrate a conscious and deliberate application of design issues using a variety of forms. These could include, but are not limited to, graphic design, illustration, typography, digital imaging, photography, collage, fabric design, weaving, illustration, painting, drawing, printmaking, etc. Design works place emphasis on the elements of art and the principles of design. Additionally, students will learn how to organize their art portfolio, create effective presentations, develop an art resume, and participate in numerous art activities. *Successful completion of the portfolio, based on the AP College Board’s final score, allows students to earn college credit. This course is a Spring semester course only. There is a $30 supply fee for this course.

AP STUDIO ART: DRAWING
1 Unit  Grades: 11-12
Prerequisite: Art IV, Art Teacher Recommendation, Portfolio Review, and Interview
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 Concentration section (comprised of 12 quality images), part two of the AP portfolio. AP Studio Art: Drawing is designed to address a broad interpretation of drawing issues. For examples, drawing, painting, printmaking, studies for sculpture, some forms of design, abstract and observational works would qualify as addressing drawing issues. The work should focus on the act of “mark-making” for the Drawing Portfolio. Photos, digital works, three-dimensional works, and color photocopies of your work in other media may not be submitted. Additionally, students learn how to organize their art portfolio, create effective presentations, develop an art resume, and participate in numerous art activities. *Successful completion of the portfolio, based on the AP College Board’s final score, allows students to earn college credit. This course is a Spring semester course only. There is a $30 supply fee for this course.

DANCE COURSES –

DANCE I
1 Unit  Grades: 9-12
Prerequisite: None
This is an introductory course for the first year student who has not experienced the art of movement. The class will focus on beginner level jazz/tap movement techniques. It also allows students to study the vocabulary associated with dance and learn choreographic tools and composition principles used to evaluate dance routines. Students will learn how movement/dance elements – body, space, time dynamics/effort – contribute to the functional and artistic character of dance. The students will develop an awareness of how the body may be used as an instrument of artistic expression. Students in this course will participate in an “end of course” performance that may be viewed by parents and other invited guests in the dance room. Specific dress and shoes are required for this course. Dress attire: black dance pants and leotard or athletic top.

DANCE II
1 Unit  Grades: 10-12
Prerequisite: Dance I or Dance Teacher Recommendation
Dance II is an intermediate level dance training course designed for students who have had entry level dance training and are ready to progress to a higher level skill class. Students will train in creative movement, dance technique, and short composition assignments. The focus of the course will be on technique, body mechanics, performance training, fitness and concert skills. Students will be required to perform in a formal concert setting during the first semester. Proper dance attire and shoes will be required.

DANCE III
1 Unit  Grades: 10-12
Prerequisite: Dance II, Advanced Dance, or Dance Teacher Recommendation
This is an advanced dance course. Students must be able to do the following styles of dance: ballet, jazz, and tap. Technical skills are required upon entering with a performance based background. Students will audition for various pieces in the fall concert and be expected to perform at an advanced level. Students may be required to choreograph a dance work based on concert selection and present at the program. Proper dance attire and shoes are required.

ADVANCED DANCE/COMPANY
1 Unit  Grades: 10-12
Prerequisite: Dance Training or Dance Teacher Recommendation
This course is designed for students who have had previous dance training at an entry level and are ready to progress to a higher level skill in class. Students will train at an intermediate level and progress to advanced level technique midway through the semester. Students will train in creative movement, dance technique (ballet, modern jazz) and concert choreography. This course will enable students to take Dance Company their junior or senior year. Students will be required to perform in a formal concert setting during the semester. Proper shoes and dress attire will be required.
DANCE COMPANY
1 Unit  Grades: 9-12
Prerequisite: Intermediate/Advanced Dance or Dance Teacher Recommendation
This course is designed for students with an advanced training/performance background. These students will focus strictly on advanced level dance technique, composition work and choreography. Students will perform in a formal concert and for the school Christmas assembly. Students will choreograph a routine as part of semester course work. The dance will be auditioned and evaluated for formal concert. Proper dance attire and shoes required.

TAP/JAZZ
1 Unit  Grades: 10-12
Prerequisite: None
This course is open to all students who want to work on tap and jazz skills. The course is designed to teach intro to tap/jazz combined with experienced students. Students will learn Broadway style and contemporary style tap/jazz. Various combinations will be taught to rehearse skills. Students will work on tap skills for first half of class and jazz skills second half of class. Students will be required to purchase tap and jazz shoes to take course. There will be a performance that students will participate in as part of course requirements.

— MUSIC: CHORUS COURSES —

WOMEN’S CHORUS
1 Unit each semester  Grade: 9
Prerequisite: Interview with Choral Director or Middle School Choral Director Recommendation
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. A $35 chorus commitment fee is required per semester.

MEN’S CHORUS/DFC SINGERS
1 Unit each semester  Grade: 9
Prerequisite: Interview with Choral Director or Middle School Choral Director Recommendation
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. A $35 chorus commitment fee is required per 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)
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 register for Men’s or Women’s Chorus and will be scheduled into Mixed Advanced Chorus upon selection following an audition. A $35 chorus commitment fee is required per semester. Qualified students may contract with the director to receive Honors weighting for this course.

CHAMBER SINGERS I & II
1 Unit  Grades: 10-12
Prerequisite: Audition
Chamber Singers is the most select choral group at Dorman. An advanced degree of music literacy, vocal performance, music theory, and a well-established work/rehearsal ethic are required for this course. The ensemble is an active performing choral group where singers commit to numerous performances 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. Double-blocking (taking both Fall and Spring sections) is mandatory for this class. A $35 chorus commitment fee is required per semester.

DORMAN SINGERS I & II
1 Unit  Grades: 10-12
Prerequisite: Audition
Dorman Singers is an advanced chorus class that requires an advanced level of music literacy, vocal development, and a well-established 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. Double-blocking (taking both Fall and Spring sections) is strongly encouraged. A $35 chorus commitment fee is required per semester.

CONCERT CHORUS I & II
1 Unit  Grades: 10-12
Prerequisite: Audition
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. Double-blocking (taking both Fall and Spring sections) is strongly encouraged for singers who plan to audition for Dorman Singers and Chamber Singers. A $35 chorus commitment fee is required per semester.
— MUSIC: BAND COURSES —

*Students at Dorman Freshman Campus may also complete Marching Band PE /Health according to program allowance for certain Marching Band courses (marked with a *)

CONCERT BAND
1 Unit each semester Grade: 9
Prerequisite: Completion of Middle School Band, Middle School Band Director Recommendation or Audition with DHS Band Director
This year-long course is for students who do not march with the DHS Marching Cavaliers. This course provides experienced musicians with opportunities to continue developing advanced instrumental skills through the study of music theory, vocabulary, technique, and literature. This is a performance-based ensemble with some required after school rehearsals and concerts. Students will have the opportunity to participate in local concerts and SCBDA sponsored events, such as Region Band, Concert Festival and Solo and Ensemble. Students are responsible for providing their own instrument and materials for the class.

MARCHING WINDS*
1 Unit Grades: 9-12
Prerequisite: Completion of Middle School Band, Middle School Band Director Recommendation or Audition with DHS Band Director
This is the first-semester marching band class for all students who play a brass or woodwind instrument. Members of this class are required to be in the Marching Cavaliers, a performance and competitive based ensemble. Students will participate in local, state and regional competitions. Students enrolled in this course will attend regularly scheduled afternoon rehearsals, football game performances, and Saturday competitions. After football season, the class is divided into smaller ensembles to prepare for the Winter Concert (Dec). Students in this course must meet academic eligibility requirements to participate in the mandatory band competitions. 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 4 - Masterworks. This ensemble will perform 6-10 times during the semester; performances will include the SCBDA Concert Festival. Students are required to attend after school rehearsals. 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 grade. Qualified students may contract with the director to receive Honors weighting for this course.

WIND ENSEMBLE
1 Unit Grades: 10-12
Prerequisite: Audition
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; performances will include the SCBDA Concert Festival. Students are required to attend after school rehearsals. 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 grade. Qualified students may contract with the director to receive Honors weighting for this course.

MARCHING COLOR GUARD*
1 Unit Grades: 9-12
Prerequisite: Audition
This is a first-semester class for all students in the Colorguard of the “Marching Cavaliers.” Auditions will be held in the spring of the previous school year and will include teacher recommendations. 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 afternoon rehearsals, football game performances, and Saturday competitions. Students in grades 10-12 who are enrolled in Band both semesters may earn Honors Credit for Marching Band.

INDOOR COLOR GUARD
1 Unit Grades: 9-12
Prerequisite: Audition
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.

MARCHING PERCUSSION*
1 Unit Grades: 9-12
Prerequisite: Audition
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
1 Unit Grades: 9-12
Prerequisite: Completion of Middle School Band, Middle School Band Director Recommendation or Audition with DHS Band Director
This is a second-semester band class that will study and perform a variety of percussion literature and techniques. Extra rehearsals may be scheduled as needed. Students will participate in local concerts, and SCBDA sponsored events, such as Concert Festival, Region Band, and Solo and Ensemble. Members of this class in grades 10-12 will be considered part of the Wind Ensemble.
FRESHMAN ORCHESTRA
1 Unit each semester  Grade: 9
Prerequisite: Middle School Orchestra Teacher
Recommendation (based on ability to demonstrate mastery of 2 octave scales, 3rd position, and vibrato through a specific skills audition) or Audition with DHS Orchestra Faculty
This course is a yearlong performance-based ensemble. Concert attendance and after school rehearsals are required and will be counted as part of the student’s grade. The first semester class will study string technique, music history, and music theory needed to perform in an orchestra. The second semester class will study more advanced string technique, music history, and music theory needed to perform in an orchestra. Students are encouraged to audition for Region Orchestra and All State Orchestra and participate in Solo/Ensemble Festival. Students must own or rent an instrument and maintain it in good playing condition. Students will be required to purchase a uniform for concerts, one class technique book, a music stand, and a metronome for at home practice. 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 Faculty
The Dorman High School Symphony is a year-long performance-based course. It is the most advanced performance ensemble in which string players may enroll and the most active performing group. Students chosen for the symphony will be expected to fully commit to numerous performances throughout the year. String and Full Orchestra literature will be studied. Students enrolled in the symphony may contract for honors credit. Requirements for honors credit include participation for the full year, auditioning for Region and All-State Orchestras, and participation in Solo-Ensemble Festival along with other honors opportunities. The Symphony performs in concerts, competitions, and festivals at a musical difficulty level of five through professional each semester. After school and dress rehearsals are scheduled as needed and are announced in advance. Students will be required to attend all scheduled rehearsals and performances as part of their grade. Students are required to own or rent an instrument and maintain it in excellent playing condition. Students will be required to purchase or rent a uniform for concerts, own a music stand, and own a metronome for at home practice. Double-blocking (taking both Fall and Spring sections) is mandatory for this class. Qualified students may contract with the director to receive Honors weighting for this course.

PHILHARMONIC ORCHESTRA
1 Unit  Grades: 10-12
Prerequisite: DFC Orchestra Teacher
Recommendation (based on ability to demonstrate mastery of 3 octave scales through a skills audition) or Audition with DHS Orchestra Faculty
The Philharmonic Orchestra course is a performance-based ensemble that will meet both fall and spring semesters. Students will study scales, positions, rhythms, bowings, and other fundamental skills needed to perform in an orchestra. The Philharmonic performs concerts at a musical difficulty level of two through four. Students are encouraged to participate in Region Orchestra and Solo/Ensemble Festival. Students will be required to attend all scheduled rehearsals and performances as part of their grade. Students are required to own or rent an instrument and maintain it in good playing condition. Students will be required to purchase or rent a uniform for concerts, own a music stand, and own a metronome for at home practice. Double-blocking (taking both Fall and Spring sections) is recommended for this class. Qualified students may contract with the director to receive Honors weighting for this course.

CONCERT ORCHESTRA A/B
1 Unit  Grades: 10-12
Prerequisite: Freshman Orchestra and to be able to demonstrate mastery of 3 octave scales through a skills audition. Others may enroll through an auditioning with the orchestra faculty.
The Concert Orchestra A/B course is a performance-based ensemble. Students will study scales, positions, rhythms, bowings, and other fundamental skills needed to perform in an orchestra. The Concert Orchestra performs concerts at a musical difficulty level of two through three. Students are encouraged to participate in Region Orchestra and Solo/Ensemble Festival. Students will be required to attend all scheduled rehearsals and performances as part of their grade. Students are required to own or rent an instrument and maintain it in good playing condition. Students will be required to purchase or rent a uniform for concerts, own a music stand, and own a metronome for at home practice. 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.

MUSIC THEORY AP
1 Unit  Grades: 11-12
Prerequisite: Teacher Recommendation
Music Theory AP is a course for the serious music student. Students are encouraged to have at least an intermediate familiarity with the piano/keyboard as well as be willing to participate in vocal activities; however, vocal proficiency is not a requirement. The course is designed to prepare the student who wishes to pursue advanced musical experiences or even a career in music. This is not a performance ensemble; it is a course where the basics of music are thoroughly introduced and studied. Students will have to demonstrate their knowledge through several activities which range from sight-singing intervals and melodies to harmonic analysis. Students will take the AP test to be given in May for possible college credit.

THEATRE COURSES

THEATRE I
1/2 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, the fundamentals of acting including pantomime, voice and diction, and learning to memorize. This course also requires students to see a theatrical performance of their choosing outside of school.
TECHNICAL THEATRE I
1/2 Unit Grades 9-12
Prerequisite: None
Students in Technical Theatre will gain a basic understanding of the creation of a theatre production from the technician’s perspective. Students will study design theory, scenery, lighting, sound, costumes, and props. Students will do a wide variety of activities both as class exercises and for use in productions in the Black Box Theatre and the Fine Arts Center.

THEATRE I ADVANCED
1 Unit Grade 9
Prerequisite: Teacher Recommendation
For the serious actor who intends to continue in the Dorman Theatre Department. This is a performance intensive course that will require students to participate both in and out of the classroom. The course will focus on pantomime, improvisation, script analysis, monologues and scene work. This class will compete in a speech and acting competition called SCSTA. Culminates in a one-act evening play production at the end of the semester.

THEATRE II
1 Unit Grades 10-12
Prerequisite: Theatre I and Theatre Teacher Recommendation
This course is for students who are interested in developing their acting and production skills. Students who have experience in community, school, or church theatre, have completed Theatre I and are interested in being an active part of the Dorman Theatre Department should request placement into Theatre II. The course will focus on the techniques, aspects and theories of acting through various activities including, pantomime, improvisation, script analysis, monologues and scene work. This class will also explore playwriting, and various production jobs such as stage management, and backstage crew. The course concludes with a class production allowing every student the opportunity to perform on stage.

THEATRE III
1 Unit Grades 10-12
Prerequisite: Theatre II and Theatre Teacher Recommendation
This course is for intermediate students who have demonstrated a mastery of basic acting skills. Students will analyze written scripts for emotional, sensory and motivational information in order to perform effectively. Students will be expected to participate as performers and crew members in extra curricular theatre activities such as mainstage plays, and competitions. Costs associated with trips and competitions will be the responsibility of the student but fundraising opportunities will be provided. This class will also focus on creating and directing their own performance piece that will be showcased at the end of the semester. Attendance is crucial for this class and after-school rehearsals and set builds may be required. Qualified students may contract with the director to receive Honors weighting for this course.

THEATRE IV
1 Unit Grades 10-12
Prerequisite: Theatre II and Theatre Teacher recommendation
In this production-oriented course, students work constantly on plays that they will perform for the public and for competitions. This course is for advanced students who have demonstrated a mastery of basic acting skills. Students will analyze written scripts for emotional, sensory and motivational information in order to perform effectively. Students will be expected to participate as performers and crew members in extra curricular theatre activities such as mainstage plays, and competitions. Costs associated with trips and competitions will be the responsibility of the student but fundraising opportunities will be provided. This class will also focus on creating and directing their own performance piece that will be showcased at the end of the semester. Attendance is crucial for this class and after-school rehearsals and set builds may be required. Qualified students may contract with the director to receive Honors weighting for this course.

TECHNICAL THEATRE II
1 Unit Grades 10-12
Prerequisite: Technical Theatre I and Theatre Teacher Recommendation
Students will build upon the design and application skills learned in Technical Theatre I. Students will engage in hands-on projects including: designing, engineering, building/painting sets and props; hanging, circuiting, programming and operation of lighting; selecting, operating, and maintaining of sound equipment; and learning facility technical management, through setting up for school/district events. More advanced students will have design opportunities on sets, props, lighting and sound for mainstage productions.
Students need 1 Physical Education 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
- 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 can be changed.

--- PE COURSES ---

PHYSICAL EDUCATION/HEALTH I*

1 Unit Grades: 9-12
Prerequisite: None
This is a basic course required by the S. C. Department of Education for graduation. The course involves a component of personal fitness and wellness as well as a component of lifetime fitness. The course also includes the comprehensive health unit required by state law.

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 9th-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 for graduation. Students should sign up for either the Fall (F) or Spring (S) semester as directed by their athletic coach.

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 DFC or DHS athletic programs. Students plan and participate in general and sport-specific conditioning programs. Students should sign up for Levels 10, 11, or 12 based on their grade level. Students should sign up for either the Fall (F) or Spring (S) semester as directed by their athletic coach. 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: P.E./Health I; Physically able to participate
This course will be an in-depth study of team sports. Skills, team strategies and rules of basketball, volleyball, soccer, softball, and football will be studied. Students will also research the origin and evolution of each sport. Students will participate in every sport, growing in an understanding and appreciation of the skill, strategy, and history of each sport. This course may be taken all semester. This course is an elective physical education course.

LEISURE ACTIVITIES A/B

1/2 Unit for A, 1/2 Unit for B Grades: 10-12
Prerequisite: P.E./Health I; Physically able to participate
This course will be an exploration of the lifetime benefits and participation in the skills of leisure games, including ping pong, badminton, tennis, and golf. Students will grow in the understanding of these activities and participate in performing the skills necessary to promote lifelong physical activity and enthusiasm for each one. This course may be taken all semester. This course is an elective physical education course.

ATHLETIC TRAINING/SPORTS MEDICINE I

1 Unit Grades: 10-12
Also Known As: Sports Medicine I (RDA Course)
Athletic Training I will introduce students to basic care of wounds, fractures, sprains, and other injuries. Students will also learn how injuries to the bone structure, muscle structure, and ligament structure may occur during athletic activities. Students will learn how to treat these injuries so that the injured person may return to his/her athletic activities as soon as possible. Liability and other legal issues related to athletic injuries will be discussed, as well as the classification of sports injuries. Students will 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.

ATHLETIC TRAINING/SPORTS MEDICINE II

1 Unit Grades: 10-12
Also Known As: Athletic Training/Sports Medicine I (RDA Course)
This course will continue the course of study started in Athletic Training/Sports Medicine I. Students will continue to learn the different techniques used in taping athletes and in the care of sports related injuries. In this course, students will look at the physiological and psychological affects of wound healing or injury healing on athletes. Students will learn the techniques used in the rehabilitation of injuries including the use of modalities. Students will study how nutrition affects athletic performance; they will also investigate the effects that vitamin supplements and steroids have on the body. Students may 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.
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: JROTC Color Guard, JROTC 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 both college-prep and tech-prep tracks and offers skills training in areas not covered in other high school courses. Students repeating the ninth grade or transferring from other JROTC programs must have the approval of the JROTC department to enroll. 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 concentrates on the social studies related subjects of the JROTC curriculum and expands on subjects covered in the basic course. 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.

INTERMEDIATE JROTC - FALL
1 Unit Grades: 10-12
Prerequisite: JROTC I or II/Approval of Instructor
Conducted in the first semester, this course concentrates on the social studies related subjects of the JROTC curriculum and expands subjects included in the basic course. 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.

INTERMEDIATE JROTC - SPRING
1 Unit Grades: 10-12
Prerequisite: JROTC I, II, or III/Approval of Instructor
This is a continuation of the Social Studies subjects with emphasis on the practical application of leadership and managerial skills. Subjects include the aspects of leader/subordinate relationships, the building of teamwork and team spirit, the flow of communications, and teaching techniques.

ADVANCED JROTC - FALL
1 Unit Grades: 11-12
Prerequisite: JROTC IV/Score 50% + on the Cadet Challenge; Approval of Senior Army Instructor by demonstrating leadership potential
This is the first of the advanced courses designed to reinforce previous instruction in the art of leadership and management. Cadets will participate as senior members of the cadet battalion in assigned command and staff positions. Focus will be on planning and problem solving. Cadets will be required to prepare staff papers, present both an information briefing, and a decision briefing, prepare and teach a formal class, and evaluate subordinate job performance. The course includes a comprehensive review of the planning process.

ADVANCED JROTC - SPRING
1 Unit Grade: 11-12
Prerequisite: JROTC IV/Score 50% + on the Cadet Challenge; Approval of Senior Army Instructor by demonstrating leadership potential
This is the second of the advanced courses to focus on the practical application of leadership and instructional skills. Emphasis is placed upon performance oriented assignments. Cadets will assume increased leadership and teaching responsibilities while continuing to receive instruction in advanced leadership and management. Emphasis will be on the management process to include the stages of management and the functional areas within each. Classroom instruction will be reinforced by visits to local business operations and guest speakers.

A comprehensive review of map reading and first aid plus a discussion of the role of the military in National Defense is also included as a part of this course. This course will include cadets at JROTC I, II, III, and IV levels. Successful completion of a third unit in JROTC qualifies cadets for advanced placement in military service or the Senior ROTC program at major colleges and universities.
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 can be changed.

---

**MEDIA TECHNOLOGY I**

1 Unit  Grades: 10-12  
*Formerly Known As: Digital Video Production I*  
*Prerequisite: Instructor Approval*

In the Media Technology program, students will explore the general field of communications and will focus primarily on audio and motion media industries. Students will 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 will get hands-on experience in basic production techniques for audio and video. They will learn how to use industry-standard equipment and will 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: Instructor Approval and a "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: Instructor Approval and a "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 with which to display their skills to potential schools or employers.

**DIGITAL ART AND DESIGN I**

1 Unit  Grades: 10-12  
*Formerly Known As: Digital Photography I*  
*Prerequisite: Instructor Approval*  
*Recommended: A DSLR (digital camera with manual controls)*

Digital Art and Design I provides students with a broad overview of photography in the digital age. Students will learn the basics of manual camera operation, lighting, color theory, composition, and digital design. Students will also learn image correction using Adobe CC. Course will be 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: Instructor Approval*  
*Recommended: A DSLR (digital camera with manual controls)*

Digital Art and Design II builds upon the skills students learn in the prior level. Students will complete a variety of projects aimed at refining their camera control and technique, learn studio lighting, improve digital editing techniques, and develop a personal style. Course will be taught simultaneously with other levels of Digital Art & Design classes.

**DIGITAL ART AND DESIGN III / IV**

1 Unit  Grades: 11-12  
*Formerly Known As: Digital Photography III / IV*  
*Prerequisite: Instructor Approval*  
*Recommended: A DSLR (digital camera with manual controls)*

The Digital Art and Design classes III & IV further refine the skills learned in prior levels. As students master camera and lighting techniques, they will create portfolios of work that demonstrate their technical proficiencies and artistic vision. Students will be required to photograph a number of school events outside of class throughout the course of the semester, the photos from which will be used in both the student’s personal portfolio as well as for school and district media. Course will be taught simultaneously with other levels of Digital Art & Design classes. Qualified students may contract with the director to receive Honors weighting for this course.

**DRIVERS ED / STUDY HALL**

1/2 Unit  Grades: 10-12  
*Prerequisite: 15 years of age and possess a driving permit*

Each student must have at least thirty hours of classroom instruction. Following the classroom phase of the class, students must spend six hours in observation of good driving techniques and six hours of actual driving. Students will be assigned to study hall after the classroom portion to await the 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. There is a $35 fee for this course. Successful completion of this course and a 3.0 GPA will meet the qualifications for a discount on automobile insurance.
HIGH PAY/HIGH SKILLS A & B
1/2 Unit - Part A
1/2 Unit - Part B Grades: 10-12
Prerequisite: None
Do you ever get tired of people asking you what you plan to do with your life? Students in High Pay High Skills know how to stop the nagging and answer that question with purpose and direction. This personalized course begins with an intense self-study about what makes you tick and then helps you navigate the millions of career paths and opportunities available to you, many of which are right here in Spartanburg. The goal is to find a fit for your skills in a high-paying career. The course includes a number of guest speakers, several field trips, and multiple extracurricular opportunities. Students consistently call High Pay High Skills “one of the most real-life classes at Dorman.” Change your future. Take High Pay High Skills.

LEADERSHIP DORMAN
1 Unit Grades: 10-12
Prerequisite: Student Council Member, Students in Action
Member, or Teacher Recommendation
The Leadership course is designed to enhance the leadership skills of students. Areas such as decision making, problem solving, communication, and teamwork will be studied. Students will also study character development and leadership styles. Students will evaluate their own leadership styles as well as those of school and community leaders. Members of the class will be required to keep journals, submit proposals, work on and/or chair committees, complete projects, and attend other organizational meetings.

SPORTS INFORMATION
1 Unit Grades: 11-12
Prerequisite: B or better in English II ADV or Honors
Students will focus on promoting Dorman High School student-athletes on our newly formed athletic website. Students with interest in journalism, web site design, photography, video, writing and sports will work to provide our community with up-to-date coverage of sports teams academic and athletic accomplishments.

TEACHER CADET - THEORY
1 Unit Grade: 12
Prerequisite: Application Process (includes minimum 3.0 GPA, five teacher recommendations, an essay, and interview)
This course is considered an introduction or orientation 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; however, an important secondary goal of the program is to provide these talented future community leaders with insights about schools even if they do not select teaching as their career choice. Although the course is taught at a college freshman level, the curriculum includes simulations and other 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 with a possible three hour college credit. This course is taught in the Fall and leads into Teacher Cadet Practicum taught in the Spring.

TEACHER CADET - PRACTICUM
1 Unit Grade: 12
Prerequisite: Teacher Cadet - Theory
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.

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 (but not limited to) photography skills, journalistic research skills, and journalistic writing skills. Students will produce yearbook pages that highlight various school clubs, teams, organizations, and student life events. Completed pages will demonstrate mastery of concepts and will be published in the yearbook. This course is taught concurrently with other 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 will be responsible for completing their journalistic research, integrating relevant images, and writing captions and body copy. Students will produce yearbook pages that highlight various school clubs, teams, organizations, and student life events. Completed pages will demonstrate mastery of concepts and will be published in the yearbook. Students are required to spend time after school in order to complete production.

YEARBOOK PRODUCTION III
1 Unit Grades: 11-12
Prerequisite: Yearbook Production II, Instructor Approval
Yearbook Production III refines all of the skills learned in the requisite classes, 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 will produce yearbook pages that highlight various school clubs, teams, organizations, and student life events. Completed pages will demonstrate mastery of concepts and will be published in the yearbook. Students are required to spend time after school in order to complete production. This course is taught concurrently with other Yearbook Production classes.
YEARBOOK PRODUCTION III HONORS
1 Unit  Grades: 11-12
Prerequisite: Yearbook Production II, Instructor Approval

Yearbook Production III (Honors) refines all of the skills learned in the requisite classes, while emphasizing the study and practice of professional and business skills required for working with the public and marketing a yearbook. Students will be responsible for designing the layouts for the entire yearbook, determining deadlines, editing completed pages, and directing yearbook distribution. Students will demonstrate mastery of content through mentorship and advisement. Students will produce yearbook pages that highlight various school clubs, teams, organizations, and student life events. Students are required to spend time after school in order to complete production. This course is taught concurrently with other Yearbook Production classes.

WORK-BASED LEARNING INTERNSHIP
1 Unit  Grades: 11-12
Prerequisite: Application Process through School of Study Dean
Required: Student must provide own transportation

Work-Based Learning is a course whereby students complete an internship that is connected to their School of Study and career plans as outlined on their Individual Graduation Plan (IGP). Students apply and are selected by the Dean of their School of Study 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.
~ 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. Most Dual Enrollment courses are taught on the high school campus in the College & Career Center. Courses may be taught by either 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. Depending on the course, it may count as either a high school core unit (e.g. Math) or as an Elective credit.

Courses taken through Dual Enrollment will be included in the student’s GPA/Rank and are weighted the same as an AP course, with 1 additional quality point awarded above the CP standard 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 6.

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. Prerequisites are always subject to change based on updated decisions made by partner colleges/universities. 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 making an A or B in Dual Enrollment courses may continue to take courses tuition-free. Students making a C or below in a Dual Enrollment course will be required to pay tuition for additional courses. Students that drop a Dual Enrollment class after the first five class sessions will receive a WF (Withdraw Failing) on their high school transcript and must pay tuition for the course. Students must also follow the withdrawal guidelines of the partner college/university.

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 http://www.scsc.edu/transcripts/. To request a transcript from USC-Union/USC-Upstate, go to http://registrar.sc.edu/html/transcripts/default.stm.

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.

**

**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 or COMPASS Writing 42 and Reading 69 and Pre-algebra 44 or Asset Writing 36 and Reading 37 and Numerical 41

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.

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

This course emphasizes managerial accounting theory and practice in basic accounting and procedures for cost accounting, budgeting, and cost-volume analysis and financial investment analysis. Additional financial topics covered will include capital investment analysis, performance management and evaluation, decision analysis, and target costing.

**BIO 101 - BIOLOGICAL SCIENCE I**
Partner: Spartanburg Community College (SCC)
Prerequisite: 3.0 GPA; High School Biology or Chemistry with a minimum grade of “C”; SAT ERW 510 and Math 580 or ACT English 19 and Math 22 or Next Generation Accuplacer Reading 250 and Writing 250 and QAS 237-262 or COMPASS Writing 78 and Reading 81 and Algebra 47 or Classic Accuplacer Sentence Skills 81 and Reading 71 and Elementary Algebra 83 and College Level Math 20-85 or Asset Writing 44 and Reading 41 and Elementary Algebra 42.

This course is a study of the scientific method, basic biochemistry, cell structure and function, cell physiology, cell reproduction and development, Mendelian genetics, population genetics, natural selection, evolution, and ecology.

**CPT 101 - INTRODUCTION TO COMPUTERS**
Partner: Spartanburg Community College (SCC)
Prerequisite: 3.0 GPA; SAT ERW 480 510 and Math 480 580 or ACT English 19 and Math 19 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.

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 COMPASS Writing 42 and Reading 69 and Pre-algebra 44 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 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.

ENGL 101 - ENGLISH COMPOSITION I
Partner: USC-Upstate
Prerequisite: 3.0 GPA; Completion of English III HON or English IV ADV or World Literature ADV or AP English Language and SAT ERW 480 or ACT English 19
Instruction and practice in academic writing, critical reading and research. 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
Continued instruction in composition, building on skills introduced in English 101. 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; SAT ERW 480 or ACT English 19
This course is a general study of the US from the era of discovery to 1877. Out of Many, brief edition, reveals the ethnic, geographical and economic diversity of the US by examining the individual, the community and the state and placing a special focus on the country's 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 ERW 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)
Prerequisite: 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 COMPASS Writing 42, Reading 81 and Algebra 66 or Classic Accuplacer Sentence Skills 61 and Reading 71 and Elementary Algebra 107 and College Level Math 20-85 or Asset Writing 36 and Reading 41 and Intermediate Algebra 44
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 COMPASS Writing 42, Reading 81 and Algebra 66 or Classic Accuplacer Sentence Skills 61 and Reading 71 and Elementary Algebra 107 and College Level Math 20-85 or Asset Writing 36 and Reading 41 and Intermediate Algebra 44
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)
Prerequisite: 3.0 GPA; SAT ERW 510 or ACT English 19 or Next Generation Accuplacer Reading 237 and Writing 237 or COMPASS Writing 42 and Reading 69 or Classic Accuplacer Sentence Skills 61 and Reading 46 or Asset Writing 36 and Reading 37
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 or ACT English 19 or Next Generation Accuplacer Reading 250 and Writing 250 or COMPASS Writing 78 and Reading 81 or ASSET Writing 44 and Reading 41 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 ERW 480 or ACT English 19
This course is an introduction to and survey of the basic concepts and findings within the field of psychology.

PUBLIC SPEAKING (SPC 205)
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 COMPASS Writing 78 and Reading 81 or Classic Accuplacer Sentence Skills 81 and Reading 71 or Asset Writing 44 and Reading 41
This course is an introduction to principles of public speaking with application of speaking skills.
Career and technology programs at R.D. Anderson Applied Technology Center are aligned with South Carolina’s Career Clusters as defined by the State Department of Education. The career clusters in which R.D. Anderson offers courses are listed below along with the courses taught within each cluster:

### Agriculture, Food & Natural Resources
- Intro to Agriculture Science & Technology
- Horticulture & Greenhouse Management
- Nursery, Greenhouse & Garden Center Technology
- Landscape Technology
- Equipment Operations (NEW COURSE)
- Turf & Lawn Management (NEW COURSE)
- Veterinary Science
- Small Animal Care
- Farm Animal Production
- Agriculture Mechanics
- Equine Science (NEW COURSE)

### Arts, A/V Technology & Communications
- Commercial Graphics 1*, 2, & 3
- Architectural Design 1* & 2
- Mechanical Design 1* & 2

### Business, Management & Administration
- Entrepreneurship
- Web Design 1* & 2

### Health Science
- Sports Medicine 1 & 2
- Health Science 1, 2, & 3
- Medical Terminology^
- Health Science Clinical Studies

### Hospitality & Tourism
- Culinary Arts 1 & 2
- Baking and Pastry

### Architecture & Construction
- Carpentry 1, 2, & 3

### Human Services
- Cosmetology 1A, 1B, 2A, & 2B

### Law, Public Safety, Corrections & Security
- Fire Fighter 1, 2, & 3
- Law Enforcement Services 1 & 2

### Manufacturing
- Mechatronics 1 & 2
- Machine Tool Technology 1, 2, 3, & 4
- Welding 1, 2, & 3

### Transportation, Distribution & Logistics
- Automotive Collision Repair 1, 2A, 2B, & 3
- Automotive Technology 1, 2, & 3

### General Electives
- Leadership That Works

All courses taught at R. D. Anderson (except for Leadership That Works) go toward satisfying the graduation requirement for Occupational credit. Additionally, courses marked with an * will go toward satisfying the graduation requirement for Computer Science credit. These courses are: Architectural Design 1, Commercial Graphics 1, Mechanical Design 1, Web Design 1

Dual Credit (Dual Enrollment) is available through Spartanburg Community College for Medical Terminology. This course is marked with a ^.

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.
AGRICULTURE, FOOD, & NATURAL RESOURCES –

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; planning and implementing a relevant school-to-work transition experience; 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 supervised agriculture 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 selling, selecting, and servicing.

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 lawnmowers, 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.
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.

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.

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.

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.

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.

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.

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.

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.

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
Prequisite: 80% in Architectural Design 1
This course builds on the skills developed in Architectural Design I. 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
Prequisite: 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. Students must earn a final semester grade of 80 or higher to be eligible to enroll in Mechanical Design II.

MECHANICAL DESIGN 2 (6173)
1 Unit Grades: 12, 11
Prequisite: 80% in Mechanical Design I
This course builds on the skills developed in Mechanical Design I. 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 & INFORMATION TECHNOLOGY

ENTREPRENEURSHIP (5400)
1 Unit Grades: 12, 11, 10
Prequisite: 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
Prequisite: 80% in Computer Science Course
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, logo 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)

WEB DESIGN 2 (5032)
1 Unit Grades: 12, 11, 10
Prequisite: 80% in Web Design 1
Students will build upon what they learned in Web Design 1. Adobe Fireworks and Dreamweaver will be utilized to complete assigned projects. Students will be introduced to new online programs that will allow them to enhance their design skills. Students will design websites that are more interactive, functional, professional, and 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.

HEALTH SCIENCE

SPORTS MEDICINE 1 (5555)
1 Unit Grades: 12, 11
Prequisite: 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 active population. Subject matter will include discussion of specific conditions and injuries that may be experienced by individuals participating in athletic activities. In addition, the concepts of therapeutic modalities and exercise in the care of injuries will be examined. A focus of deeper understanding of body systems and common pathologies will be included. Concepts related to the administrative aspects of the sports medicine program will also be covered. Students will apply legal and ethical principles through real-world scenarios in various sports medicine settings. Other career roles in sports medicine will be discussed as the Athletic Trainer takes the injured athletic through the pathway of recovery.

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
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
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.

MEDICAL TERMINOLOGY FOR THE HEALTHCARE PROFESSIONAL (5540)
1 Unit Grades: 12, 11
Prerequisite: None
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, Medical Terminology, AP Biology, Anatomy/Physiology
Required: Course Fee ($TBA); 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 pleaded 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: 85% 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: 85% 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 This is a 2-year program
Students must be in 11th grade to begin program
Prerequisite: Students must maintain an overall average of 78 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 by July 30, 2018; $175 for State Board Exam - paid in Senior year - RDA will pay this 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 Cosmetic 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).

— ARCHITECTURE & CONSTRUCTION —

CARPENTRY 1 (6091)
1 Unit Grades: 9, 10, 11
Prerequisite: None

This is a one-semester 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 out buildings for public sale.

CARPENTRY 2 (6092)
1 Unit Grades: 12, 11, 10
Prerequisite: 80% in Carpentry 1

This one-semester course is the second level of the Carpentry program. Students will learn advanced frame carpentry techniques, finish work, door hanging, installation of moldings, concrete forming and finishing, site layout, 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: 85% in Carpentry 2
Optional: Dual Credit Enrollment Fee ($TBA)
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.

— Law, Public Safety, Corrections, & Security —

! Students may only take 1 level per school year for each of these programs: Fire Fighter, Law Enforcement Services

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: 80% in Firefighter 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 Firefighter 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: 90% 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 I is an introductory level course designed to teach entry level requirements of a police officer. Instruction will include classroom lecture/demonstration and hands-on drills. Students will learn the duties and responsibilities of the police, courts, and corrections. Included in this course are the historical development of the system and the study of landmark Supreme Court decisions that impact criminal justice. Students will participate in demonstrations of arrest techniques, simulated low risk traffic stop procedures and gain an understanding of common departmental policy/procedures. Students will learn and demonstrate ethics, safety and management skills consistent with law enforcement. Students will be required to participate in physical exercises and wear the designated uniform on those 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 will include classroom lecture, demonstration and hands-on drills. Students will learn report writing, felony traffic stops, testifying in court and many more procedures. Students will 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 will be required to wear a uniform and to participate in physical exercise. Students may have an opportunity to Co-op during this course.

— Manufacturing —

! Students may only take 1 level per school year for each of these programs: Machine Tool, Welding, Mechatronics.

MACHINE TOOL TECHNOLOGY 1 (6230)
1 Unit Grades: 9, 10, 11
Prerequisite: None
Recommended: Completion of Algebra I with 80%
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: 85% in Machine Tool Technology 1
This semester Machine Tool 2 class takes the student more in depth in the 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: 90% in Machine Tool Technology 2
Machine Tool 3 is for those students who are successful in completing Machine Tool Technology 2 and wish to pursue a job and/or career in machining. This course is a year-long course (4 units). Students will receive one semester of instruction focused on CNC operation & skill development while the second semester will be used to train students in 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 when made available to them.

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 and meet the prerequisite of making 90% or higher in MTT3. 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 and standard terms and definitions. Basic welding and cutting techniques will be taught. In the lab students observe demonstrations and obtain experience in both gas and arc welding through practice exercises. Instruction topics include: SMAW Welding, Industry GMAW Welding (MIG), GTAW Welding (TIG), Blueprint Reading, Planning and Estimation. Students will 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
Optional: Dual Credit Enrollment Fee ($60)
Dress Code: Same as Welding 1
The second-year welding students enhance their skills in Stick, MIG and TIG welding on various types of steel. The concentration will be on position welds Flat, horizontal, vertical, and overhead. SMAW, GTAW, GMAW, and FCAW on bead building and joint welds. This course has an emphasis on accuracy of measurements, basic line and views on prints, as well as focusing on Math for Welders. Students will complete selected projects for fabrication and layouts with assembly. Students who qualify may also receive credit for WLD 106 at Spartanburg Community College.

WELDING 3 (6342)^
2 Units Grade: 12
Prerequisite: 85% in Welding 2
Optional: Dual Credit Enrollment Fee ($60)
Dress Code: Same as Welding 1
This third level of Welding will focus on advanced welding and cutting techniques. Students will concentrate on fillet and groove position welds and conforming to AWS welding codes. Students will learn to identify weld defects and determine weld sizes. They will increase their skill level in reading prints and identifying weld symbols. Students will complete individual and group projects. Intro to pipe welding, SMAW and GTA. Students who qualify may also receive credit for WLD 115 at Spartanburg Community College.

MECHATRONICS 1 (6210)
1 Unit Grades: 9, 10, 11
Prerequisite: Completion of Algebra 1 with 80%
Combining electronic, mechanical, robotics and information system technologies, this course provides the student with the skill set needed for today’s automated manufacturing facilities. Students will be introduced to Ohm’s Law and how it applies to the Mechatronics field. These skills will align with current needs of manufacturers as well as align with 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: 85% in Mechatronics 1
This course is a continuation of the first year course. Emphasis is placed on refining the skills needed to maintain, service, and repair various mechanical and electrical components of industrial equipment. There will be heavy areas of concentrated study in problem solving and troubleshooting, technical document writing, advanced programming with robots and other automated equipment using programmable logic controllers. Students will be required to work independently and work in groups. Successful students will have more opportunities to potentially work with partnering companies to further their skill set.

—— TRANSPORTATION, DISTRIBUTION, & LOGISTICS ——

AUTO COLLISION REPAIR 1 (6020)
1 Unit Grades: 10, 11
Prerequisite: None
Required: Course Fee ($20 for respirator)
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)
2 Units for 2 Semesters (Year-long) Grades: 12, 11
Prerequisite: 85% in Auto Collision Repair 1
Required: Course Fee ($20 for respirator)
Dress Code: Student must provide coveralls
This two-semester course completes the Auto Collision Repair program at RDA. Students will develop skills in sheet metal straightening, sheet metal replacement, and structural measuring. Metal straightening includes repairing small dents with body filler and preparation for primer. Sheet metal replacement is the removal and replacement of hoods, deck lids, doors, and bumpers. Second semester is dedicated to live repairs and the cooperative education program. Students can repair their own vehicles during this time.

AUTO TECHNOLOGY 1 (6030)
2 Units Grades: 10, 11
Prerequisite: 70% in Algebra I
Required: Course Fees ($40 for coveralls, $13 for SkillsUSA)
Automotive Technology 1 is a two-period, 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: 80% in Auto Technology 1
Required: Course Fee ($20 for respirator)
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. Students are required to keep detailed documentation of all performed tasks. Co-op students must meet all R. D. Anderson co-op requirements and follow all policies.

— GENERAL ELECTIVES —
LEADERSHIP THAT WORKS (3799)
1 Unit Grades: 9, 10, 11, 12
Prerequisite: None
Want to separate yourself from being average? Become the leader that our world is looking for. Leadership That Works is a course designed to polish flourishing student leaders and develop potential influencers. All students will learn how to lead the world they work in. This course will help to develop workforce, leadership, and life skills through hands on training, team activities, and classroom discussion. Students will 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 is an elective.
INSTRUCTIONS FOR ONLINE REGISTRATION:
FOR RISING NINTH-GRADERS 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 Registration 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 be 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.

• Along with your courses, you may also select at least 1 School of Study. A School of Study is directly related to your college and career goals. See the Course guide for more information about Schools of Study.

• 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 Registration, 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 conferences.

• 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 registration. 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

<table>
<thead>
<tr>
<th></th>
<th>English: 4 units required</th>
<th>Math: 4 units required (Algebra II and one higher level math required for 4-year colleges)</th>
<th>Science: 3 units required (EOC Biology plus two additional science units) (3 lab science units required for 4-year colleges)</th>
<th>Social Studies: 3 units required (1 social studies elective unit; US History; Government/Economics)</th>
<th>World Language or Career Technology: 1 unit required (2 World Language units required for 4-year college. 3 World Language units required for Clemson &amp; College of Charleston.)</th>
<th>Computer Science: 1 unit required</th>
<th>Physical Education/Health or JROTC: 1 unit required</th>
<th>Electives: 7 units required (1 Fine Arts unit required for 4-year college)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10th</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11th</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12th</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Notes

________________________________________
Student Signature Date Parent/Guardian Signature Date

Counselor Signature Date