Fort Mill Schools

Program of Studies 2027-2028

Fort Mill Schools

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Fort Mill School District offers equal opportunity in employment and education activities without regard to race, color, national origin, religion, sex, age or handicap.

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Table of Contents

Academic Planning

Profile of the South Carolina Graduate 3
Individual Graduation Plans (IGP) 3
Promotion Standards and Graduation Requirements 5
College Admission Requirements 7

Academic Information

Schedule Information 9
Course Sequencing and Course Load 10
Attendance 11
End-of-Course Exams 12
Gifted and Talented 12
Credit Recovery 12
Virtual Education 13
Senior Information 15

Curriculum Framework

Diploma Pathways and Seals of Distinction 16
Frequently Asked Questions and Answers 18
Schools, Clusters, Majors of Study Chart 21

Career Clusters and Majors

School of Arts and Humanities 22
School of Business and Information Services 23
School of Engineering and Integrated Technologies 24
School of Health and Human Services 25
Career and Technology (CTE) Completer Requirements 27
Dual Credit Programs 30
Course Descriptions 31

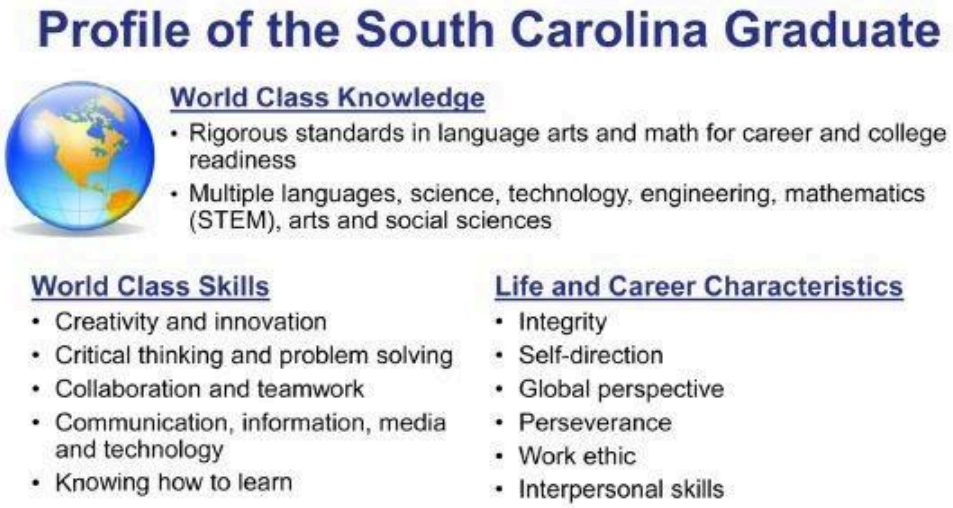
Appendix

Grade Point Conversion Chart 132
Scholarship Information 133
NCAA Clearinghouse Information 139
Individual Graduation Plan Worksheet 140

NOTE: Any future changes made by the South Carolina Department of Education or the FMSD will be revised in the online edition of this guide. The Program of Studies may be found under the "Parents" link on the district website at www.fortmillschools.org.

Academic Planning and Information

The state's vision is to ensure that every student meets the 21st Century Profile of the Graduate, so each student is ready for the military, the workforce, a community college, or university.



Individual Graduation Plan (IGP)

The Education and Economic Development Act (EEDA) was written and passed by the South Carolina legislature to create the context and infrastructure needed by schools to implement changes from kindergarten through postsecondary education. Specifically, the legislation requires high schools to:
1) Revise the secondary curriculum around organized ***clusters*** with major areas of academic focus consisting of electives that relate to preparation of post-secondary plans.
2) Develop an **Individual Graduation Plan (IGP)** that lists the academic courses required for both graduation and entry into post-secondary education, courses related to the student's selected major, and includes extended learning activities such as internships and job shadowing.

The purpose of the **Individual Graduation Plan (IGP)** is to assist students and their parents in exploring educational and professional possibilities and in making appropriate secondary and postsecondary decisions. The IGP is based on the course work, assessments, and counseling in middle and high school. An IGP consists of the state high school graduation requirements and/or college entrance requirements. In addition, course recommendations for successful completion of a major that aligns to

postsecondary education and the workplace are included. School counselors begin working with students regarding interests, academies, majors, postsecondary choices, and high school options through individual and group counseling in the sixth grade. This includes information on academic and professional goals, career activities, and access to career resources. Teacher and parental involvement throughout this process is critical.
In the spring of **eighth** grade, students choose one of the four academies of study to explore. This takes place during an individual planning conference with a school counselor, the student, and his or her parent(s). Students are not required to complete a major.
During the Individual Graduation Plan conference with parents, students and counselors, students may select course requests for classes for the upcoming school year.

Requirements for High School Graduation

PROMOTION STANDARDS

FRESHMAN:	Successful completion of 8th grade	
SOPHOMORES:	1 English, 1 Math, and 4 others	Total 6 Units
JUNIORS:	2 English, 2 Math, 1 Science, and 7 others	Total 12 Units
SENIORS:	3 English, 3 Math, 2 Science, and 8 others	Total 16 Units

Note: *For participation in extracurricular activities such as Spirit Week, Prom, Senior Superlatives, Class Officers, exam exemptions, etc., class membership is based solely upon HOMEROOM ASSIGNMENT, which is determined only at the beginning of the school year in August. Grade levels will not be changed mid-year unless the student is considered a Jr./Sr.*

GRADUATION REQUIREMENTS

Subject Area	Credits
English	4
U.S. History	1
Economics	.5
Government	.5
Other Social Studies	1
Mathematics	4
Sciences	3
Computer Science	1
Physical Education or JROTC or Marching Band with PE	1
World Language or Career and Technology Elective	1
Personal Finance ++	.5
Electives	6.5
Total	**24**

++Beginning with the graduating class of 2027, students must also earn a .5 unit in Personal Finance.

**Students must satisfy the Comprehensive Health Education requirement to graduate, beginning with the class of 2028, this will be taught through the .5 Health course offered in conjunction with the Personal Finance course. Students in the graduating classes of 2024-2027 satisfy this requirement through successful completion of High School 101.

College Preparatory Course Prerequisite Policy
For Entering College Freshmen Beginning in Fall 2030

As published by the SC Commission on Higher Education

FOUR UNITS OF ENGLISH: All four units must incorporate robust reading (covering both fiction and non-fiction), speaking, writing and research components. It is strongly recommended that students complete two literature-based units, such as American, British, or World Literature.

FOUR UNITS OF MATHEMATICS: These units must include Geometry with Statistics, Algebra 1, and Algebra 2 with Probability. A fourth higher-level mathematics course should be taken before or during the senior year. A higher-level mathematics course is one that is intended for students who have already completed the content of Algebra 2 with Probability. Pre-Calculus and Calculus are strongly recommended. College-bound students should consider taking four years of algebra-based mathematics (e.g., Algebra 1, Algebra 2, Pre-Calculus, Calculus). A higher-level mathematics course is defined as a course that requires Algebra 2 with Probability as a prerequisite, and AP Statistics does not meet that definition for this requirement.

THREE UNITS OF LABORATORY SCIENCE: Students must complete three units of laboratory science. Two units must be in two different fields selected from biology, chemistry, physics, or earth science. The third unit may be from any of these fields or from another laboratory science course that requires biology, chemistry, physics, or earth science as a prerequisite. Introductory survey courses, including physical science, general science, integrated science, or similar courses, do not meet this requirement. Students planning to pursue careers in science, technology, engineering, or mathematics are strongly encouraged to take one course in each of the four fields: biology, chemistry, physics, and earth science.

TWO UNITS OF THE SAME WORLD LANGUAGE: This course consists of two units that place a strong emphasis on language acquisition.

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

ONE UNIT OF ARTS: One unit in the appreciation, history, or performance of one of the visual and performing arts. This unit may be chosen from media and digital arts, design and media arts, dance, music, theater, or visual and spatial arts.

ONE UNIT OF PHYSICAL EDUCATION OR JROTC: One unit of physical education must include one semester of personal fitness and one semester of lifetime fitness. Marching Band, along with Physical Education can also be used. Exemptions are granted to students enrolled in Junior ROTC or those excused due to physical disability or 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; foreign languages; social science; humanities; mathematics; physical education; and laboratory science (courses for which biology, chemistry, physics, or earth science is a prerequisite).

NOTES:

1. General Applicability:

These prerequisites establish the minimum criteria for admission to senior public institutions in South Carolina. Individual universities may establish additional admissions requirements and grant exceptions for students who do not meet all prerequisites, but only in cases where the failure to meet one or more requirements results from circumstances beyond the student's reasonable control.

2. Enhancing College Readiness:

In addition to the prerequisites, students planning to attend a four-year college are strongly encouraged to:

- Complete four years of algebra-based mathematics, including Algebra 1, Algebra 2, PreCalculus, and Calculus.
- Develop multimodal communication skills and to practice rhetorical analysis to support success in first-year college English courses.
- Take one high school course in all four fields of science (e.g. biology, chemistry, physics and earth science) if they are interested in pursuing careers in science, technology, engineering or mathematics.
- Enroll in rigorous courses such as Honors, Advanced Placement (AP), International Baccalaureate (IB), Cambridge, and dual-enrollment classes.

3. Resources:

a. South Carolina High School Course and Graduation Requirements: https://ed.sc.gov/districts-schools/state-accountability/high-school-courses-andrequirements/

b. College and Career Ready Mathematics standards: https://ed.sc.gov/instruction/standards/mathematics/standards/

c. College Preparation and Financial Aid: https://www.che.sc.gov/students-families-and-military/preparing-college

Approved by the South Carolina Commission on Higher Education: May 7, 2026

Academic Information

Course Selection and Schedule Changes

A. The courses students select will be the basis for the employment of teachers and the development of the master schedule for the upcoming school year. **Accordingly, when students and parents sign the course selection sheet, they are considered to have contracted to participate in all requested courses or chosen alternates.**

B. All courses described in this book may not be offered every year. Courses are scheduled based on student requests, class size, and scheduling feasibility.

C. Be sure to list alternates for all elective courses. Otherwise, if the electives chosen are not available, courses will be scheduled at the discretion of the counselor or principal.

D. Schedule changes will be limited. Any student wishing to make a revision in his/her schedule must do so during summer conflict resolution. A summer schedule change will be considered:

1. If a student wishes to attempt to balance the academic load. (These requests will be considered on a space available basis only.)
2. If a student wishes to sequence courses due to special circumstances. (These requests will be considered on a space available basis only.)
3. If a student received a course for which they did not request during the IGP process. (When a student selects an alternate, the student has "requested" for that course.)
4. If a student passed a course which they assumed they would fail.
5. If a student failed a course required for graduation.
6. If a student failed a course, requested the course again and was assigned to the same instructor. (Where possible and on a space available basis.)

E. According to South Carolina state law, students who withdraw from a course after 5 days in a 90-day course or 3 days in a 45-day course will be assigned a WF and the F will be calculated as a 50 in the student's GPA.

Academic Information

Retaking a Course

Students in grades nine through twelve may retake a course at the same level of difficulty if they have earned a D or an F in that course. Retaking the course means that the student completes the entire course again (not a subset of the course such as through credit or content recovery). If the course being retaken has an End-of-Course exam, the EOC must be retaken. The student's transcript will reflect both course instances. Only one course attempt and the highest grade earned for the course will be calculated in the GPA.

A student who has taken a course for a unit of high school credit prior to their ninth-grade year may retake that course regardless of the grade they earned. A student who retakes a high school credit course from middle school must complete it before the beginning of the second year of high school. A student in grades nine through twelve, must retake a course by the end of the next school year or before the next sequential course (whichever comes first). In such a case, only the highest grade will be used in figuring the student's GPA. The student may not retake the course if the course being replaced has been used as a prerequisite for enrollment in a subsequent course; i.e., a student may not retake Algebra I after having earned credit for a higher-level mathematics course (Geometry, Algebra II).

It is the student's responsibility to contact their counselor should they fail a course required for graduation and need to retake the following semester. No changes will be made at the beginning of spring term except for reasons 3-6 noted above.

Sequencing Courses

A. Only one grade level of English and math may be taken per school year. With the principal's permission, two courses may be taken in one year under the following conditions: 1) To allow a student who failed an English and/or math course to catch up with his class. 2) To allow a student who plans to take advanced level English and/or math to accelerate as designed in their IGP. This will be done on a space available basis.

B. A student may not request for courses in sequence such as French I fall term and French II spring term. Exceptions may occur at the principal's discretion.

Note: If you meet all the prerequisites, you may request any course as long as it does not matter which semester you take it.

Academic Information

Course Prerequisites and Recommendations

A. **Prerequisites:** Some courses must be passed in a logical sequence; therefore, students must adhere to the designated prerequisites.

B. **Recommendations/Overrides:** Recommendations for the next course in a sequence may be made by the recommending teacher or based on past courses in the sequence. A parent and student who wish to discuss the recommendation for reconsideration should request a conference with the assistant principal for curriculum, the counselor, and the recommending teacher. An override form may be signed by the parent following the conference. Once the override is signed, the student is committed to the course and cannot withdraw. This override option may not be used to enter a gifted and talented/honors class where selection is based on a state formula.

Course Load

A. Rising freshmen, sophomores and juniors must register for eight courses.
B. Rising seniors must register for a minimum of six courses.
C. Seniors may enroll in up to one free period each semester during their senior year.
D. All students are recommended to take a non-elective English course and a math course each year.

Attendance

Attendance is critical to success in high school. One 90-minute class is equal to two classes on a 6-7 period schedule. By state law, a student must attend 85 out of 90 class days in order to be considered for credit. Students are required to continue attending classes even if credit has been denied. If a student fails a course due to excessive absences, an FA will be recorded on his or her transcript. The grade of FA will carry no Carnegie units but will be calculated as a 50 in the student's GPA. **Remember, only 5 unexcused absences are allowed in a 90-day course and only 3 unexcused absences are allowed in a 45-day course.**

Academic Information

Attendance Recovery

A. Students may be granted the opportunity to recover credit for a course that they would have passed if not due to missing too many unexcused days.
B. Up to three days can be recovered.
C. Tuition will be charged per make up class due at the time of make-up.

End-of-Course Tests

Algebra 1, Intermediate Algebra, English 2, Biology 1, and U.S. History classes all have End-of-Course tests. Dates are mandated by the state and students cannot be excused from the testing. Current state law mandates that these tests count 20% of the final grade. Some of the career and technology courses also have a state end of course examination requirement. All students enrolled in courses with end-of-course tests must take the exams regardless of senior class status.

Assessments

All 10th graders will take the PSAT in the fall.

Students in 11th grade will have the option to take the SAT or the ACT in the spring. These tests will be administered on a school day, on the high school campus, with test fees paid by the state. ACT or SAT scores may be submitted to colleges of the student's choice.

All 11th graders will be required to take a Career Readiness Assessment in the spring.

Gifted and Talented

At the high school level, state identified gifted and talented classes include English 2 Honors and English 3 Honors. In addition to the state identified GT classes, students are encouraged to take honors and Advanced Placement courses. Students do not have to meet the state criteria to be eligible to take AP courses. See individual AP course descriptions for prerequisite information.

Academic Information

Credit Recovery

The purpose of Credit Recovery is to assist high school students who fail a core class but receive a grade of 55 or higher to receive credit for promotion and graduation requirements. There will be a non-refundable fee to participate in Credit Recovery. The procedures for placement are as follows:

1. Students may petition for Credit Recovery if they failed a core class with a grade of 55 to 59.
2. Students who petition for Credit Recovery must complete the petition form and have approval from all of the following: *Subject Area Teacher, Counselor, and Parent.*
3. Students may take one Credit Recovery course per semester (additional courses by special permission).
4. Students approved for Credit Recovery must complete their prescribed modules in Edmentum and/or teacher prescription.
5. Each module or unit must be completed with a minimum of 80% accuracy.
6. Students can earn a grade of "P" for passing upon successful completion of credit recovery. This will be added to the transcript and will not impact the GPA. The original failing grade and course will still appear on the transcript and will be factored into the GPA.

Distance, Online, and Virtual Education

Fort Mill Schools allow students in grades ten through twelve to earn a **maximum of six units of academic credit** to be applied toward graduation requirements by completing technology-delivered courses offered through programs approved by the school board. Students applying for permission to take these courses must do the following:

1. Complete prerequisites and provide teacher/counselor recommendations to confirm that they possess the maturity level needed to function effectively in a distance, online, or virtual learning environment.
2. Obtain the approval of the principal or their designee before enrolling in a technology-delivered course.
3. Adhere to the district code of conduct to include rules of behavior, consequences for violations, and signed student agreements.
4. Adhere to attendance requirements of the district.

Academic Information

Virtual SC

A. The SC Department of Education offers internet courses at no cost to assist students in completing their individual graduation plan. Guidelines are determined by the state and FMSD Board Policy.

B. Once the Virtual SC course is started, the final grade will appear on the transcript whether the student completes the course or not.

High School Virtual Labs

All high schools have virtual labs where students may take a course not offered by the Fort Mill Schools or a course that is not available due to scheduling conflicts. Courses offered by Virtual SC and by Edmentum are the only programs recognized by Fort Mill Schools. These expectations also apply to virtual coursework taken during the summer.

Academic Information

SENIOR INFORMATION

Valedictorian/Salutatorian/Honor Graduates

1. The valedictorian will be recognized based on having the highest cumulative GPA as it appears on the official high school transcript, calculated using the state uniform grading policy prescribed by state law.
2. The salutatorian will be recognized based on having the second highest cumulative GPA as it appears on the high school transcript, calculated using the state uniform grading policy prescribed by state law. ***See Appendix for SC Uniform Grading Policy Conversion Chart.***
3. Valedictorians and salutatorians must attend a high school in the Fort Mill School District the two semesters immediately prior to graduation their senior year.
4. In the event of a tie, where more than one student has the same GPA, co-valedictorians and/or co-salutatorians will be named.
5. Only valedictorians and salutatorians will make graduation speeches. Other parts of the ceremony will be determined by the administration.
6. All honor graduates will be determined during the spring semester of the senior year.
7. All honor graduates must attend four calendar years of high school.
8. In addition to the valedictorian and salutatorian, honor graduates will be recognized at graduation. Honor graduates must have a 4.5 or higher cumulative GPA as it appears on the high school transcript as calculated using the state uniform grading policy prescribed by state law.
9. For honor graduate determination, grades of transfer students will be accepted if credits are awarded from an accredited school.

Rigorous Senior Year

As college admission and job opportunities become more competitive, it is necessary to continue a high level of academic rigor. The FMSD encourages all students to take challenging courses during their senior year. **We encourage all seniors to take a non-elective English, math, science and social studies course during the 12th grade year.** Some colleges and universities will deny admission to students who have not completed English and math during their senior year.

LIFE/Palmetto Fellows Eligibility

LIFE and Palmetto Fellows eligibility is outlined on page 96. As required by the South Carolina Commission on Higher Education, GPA and ranking for the Palmetto Fellows scholarship will be calculated at the end of the sophomore, junior, and senior year following the posting of year end grades to the official transcript. This process will occur at the end of second semester each year and prior to June 15 (the official capture date for the Commission on Higher Education). Students with questions about eligibility should consult with the Counseling Office.

Early Graduation

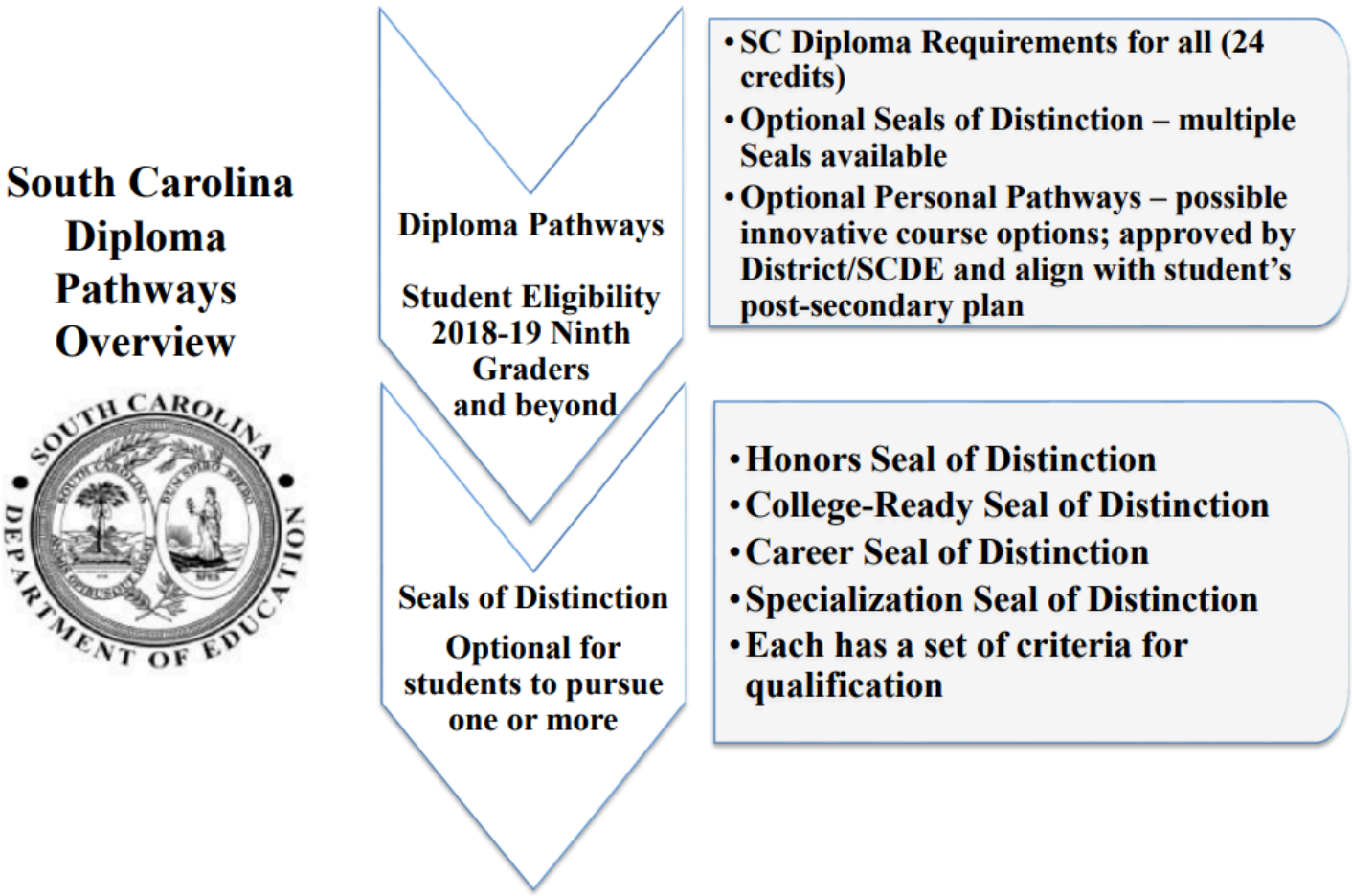
Students who wish to graduate early need to discuss this with their counselor. This allows courses to be scheduled appropriately. **To participate in the graduation ceremony, a student must declare plans to graduate by the first day of the fall semester.** This applies to both 4th year students who want to graduate at the end of the first semester of the senior year and to 3rd year students who want to graduate at the end of the school year. The student and parent must have a conference with an administrator and a counselor, and the parent must submit a request form. Students who do not follow these procedures will receive a diploma but may not participate in the graduation ceremony. Early graduates are no longer enrolled as active high school students during the spring term but are invited to participate in the graduation ceremony. **They may not participate in school sponsored spring activities such as sports, band, chorus, prom, etc.**

Senior Privileges

Fourth year students who are eligible to become seniors at the end of first semester may have Senior pictures made, order graduation supplies, have names on Senior T-shirt and mug, be in the Senior group picture, and transfer to a Senior homeroom after first term. **They will not be allowed the following senior privileges:** Senior parking first term, participation in Senior Class activities or meetings during first term, representation of the Senior Class in any official capacity during first term, and exemption of exams during first term.

Curriculum Framework

South Carolina Diploma Pathways



Curriculum Framework

DIPLOMA SEALS OF DISTINCTION

The State of South Carolina has created multiple pathways to earn a diploma Seal of Distinction.

DIPLOMA PATHWAYS SEALS OF DISTINCTION TEMPLATE

Students shall meet all requirements for earning a South Carolina high school diploma to be eligible to earn any Seal of Distinction.
One or more Seals may be earned.
Consult District or School Curriculum Guides for more information regarding curriculum choices and requirements.

Honors Seal of Distinction	College Ready Seal of Distinction	Career Ready Seal of Distinction	Arts Specialization Seal of Distinction
UGP GPA 3.5 or higher	**UGP GPA 3.0 or higher** or **ACT 20 or higher** or **SAT 1020 or higher** **Tests may be superscored**	**UGP GPA 3.0 or higher**	**UGP GPA 3.0 or higher**
English - 4 credits 2 at honors or higher level **Math -** Algebra 1, Algebra 2, Geometry, and a 4th higher level math requiring Algebra 2 as a prerequisite 3 at honors or higher level **Lab Science -** 3 credits 2 at honors or higher level **Social Studies -** 3 credits 2 at honors or higher level **World Languages -** 3 credits of the same language for students entering 9th grade in 2019–2020 and beyond **Advanced Coursework -** 4 additional credits of honors or higher completed during the Junior/Senior years (the last 2 years prior to graduation)	**English -** 4 credits **Math -** Algebra 1 (or the equivalent of Algebra 1), Algebra 2, Geometry, and another higher level math **Lab Science -** 3 credits **Social Studies -** 3 credits **World Language -** 2 credits in the same language **Fine Arts -** 1 credit	Career and Technical Education (CTE) Completer with an industry recognized credential **OR** Silver or higher certificate on ACT WorkKeys or Level 3 Credential or higher on WIN SC Career Ready Test **OR** Completion of Career Ready Work-Based Learning (WBL) placement	4 credits in a single or multiple arts areas, 2 at the honors or higher level* **AND** Mastery on externally evaluated exam or performance task *If honors credit is not available for arts courses, student must complete four courses in a single art area
	Military Specialization Seal of Distinction	**STEM Specialization Seal of Distinction**	**World Language Specialization Seal of Distinction**
	UGP GPA 3.0 or higher	**UGP GPA 3.0 or higher**	**UGP GPA 3.0 or higher**
	4 credits in JROTC and an ASVAB score of 31 or higher	4 credits beyond required graduation courses in math, science, technology, and engineering; at least 2 at honors or higher level Courses may be in 1 area of STEM or across all 4 areas	4 credits in the same language **OR** a nationally normed proficiency-based language assessment score of "Intermediate Low" **OR** AP exam score of 3 or higher **OR** IB exam score of 4 or higher **OR** Cambridge AICE Language exam score of E or better before the senior year

Curriculum Framework

Curriculum Framework FAQ

What are the four Schools of Study?

Schools of Study help to organize the curriculum into broad program areas that are interrelated in terms of academic content and career pathways.

1. Arts and Humanities
2. Business and Information Technology
3. Engineering and Integrated Technologies
4. Health and Human Services

What is a career cluster?

A career cluster is an organizational "clustering" of common educational preparatory paths for students with similar goals, strengths, interests, and skills. Simply put, career clusters are a way of organizing and tailoring course work and work experience around specific groups of careers. Each cluster is designed to provide three exit points for students: to the workforce or military, to a two-year technical college, or to a four-year college or university.

What is the purpose of career clusters?

1. Clusters serve to focus student learning and course selection in the advisement process.
2. Clusters help students see the relevance of their high school studies to their next step (i.e. college or technical school, military, or work).
3. Clusters help create smaller learning communities within a large high school setting.
4. Clusters encourage curriculum integration at the school level.
5. Clusters help provide structure for the curriculum and advisement process.
6. Clusters enhance articulation with post-secondary institutions.

What is an EEDA major?

Each career cluster can have several career majors. Career majors involve at least four related units of study. Majors help students focus their **elective** courses around a more specific career path. Example:

School: Engineering and Integrated Technologies
Cluster: Science, Technology, Engineering, Math (STEM)
Majors: Math, Project Lead the Way: Pre-engineering

When do students declare a cluster (or EEDA major)?

Beginning in the 8th grade, middle school students develop an Individual Graduation Plan (IGP) where they select a School of Study and potential Career Cluster. In the 9th grade students revise their IGP and may select a major. Beginning in the 10th grade, students declare a major to focus their elective choices.

Curriculum Framework

Can students change a school, cluster and/or major on their IGP?
Absolutely! Students can change a career major if they find that this is not in their area of interest. Students are never locked into a specific cluster or major. Successful completion of four of the required courses listed in the template constitutes a major.

Do all students have to declare a major?
According to the EEDA, all students are expected to declare a major by the end of the 10th grade. However, students are not required to complete a major for graduation.

How does a student earn a cluster cord or cords?
1. A student who completes a major (four courses passed, based on course availability) as defined in the Program of Studies catalog may purchase and "walk" at graduation with a cord representing the School of Study.
2. Each of the four clusters will have a separate color.
3. Students may be completers in more than one major in a cluster, or more than one major in multiple clusters, and may wear cords accordingly.

Curriculum Framework

Fort Mill School District Clusters and EEDA Majors

School of Arts and Humanities

Students completing may be awarded a pink cord.

Arts:
Choral Music; Dance; Theatre; Instrumental Music; Visual Arts

A-V Technology and Communication:
Media Technology; Digital Art and Design; Journalism

Humanities:
Advanced Placement - Interdisciplinary; English; *International Studies*; *Social Studies*

School of Business and Information Systems

Students completing may be awarded a silver cord.

Business Management and Administration:
General Management; Operations Management

Finance:
Accounting

Information Technology:
Programming and Software Development

Marketing, Sales, and Service:
Marketing Management

School of Engineering and Integrated Technologies

Students completing may be awarded a blue cord.

Agriculture, Food, and Natural Resources:
Animal Science; Environmental and Natural Resources; Horticulture

Architecture and Construction:
Project Lead the Way: Pre-Engineering

Science, Technology, Engineering, and Math:
Math; PLTW: Pre-Engineering; Science

Transportation, Distribution, and Logistics:
Automotive Technology

School of Health and Human Services

Students completing may be awarded a green cord.

Education and Training:
Early Childhood Education

Health Science:
Biomedical Science; Health Science; Sports Medicine; Diversified Health Science

Law and Public Services:
Law and Legal Services; Military Science

Hospitality and Tourism:
Culinary Arts

Human Services:
Cosmetology

Family and Consumer Science:
Family and Consumer Science

EEDA Career Clusters and Majors

This chart shows all of the career clusters and possible majors. Students must successfully complete the courses listed under each major in order to complete that major. Do not confuse this with the Career and Technology Education (CTE) "completer program" requirements.

School of Arts and Humanities	
Cluster: Arts	Select at least 4 from the same major
Choral Music Major	Chorus 1, 2, 3, 4, 5, 6, 7, 8 Mixed Choir 1, 2, 3, 4 Treble Choir 1, 2
Dance Major	Dance 1, 2, 3, 4, 5, 6, 7, 8 Theatre 1
Theatre Major	Theatre 1, 2, 3, 4 Dance, Chorus 1 Musical Theatre Technical Theatre 1, 2, 3, 4
Instrumental Music Major	Band 1, 2, 3, 4, 5, 6, 7, 8
Visual Arts Major	Drawing 1, 2 Painting 1,2 3-D Design/Sculpture Photography Portfolio art Ceramics 1, 2 AP Studio Art (2D, 3D, and/or Drawing) AP Art History
Cluster: Arts, Entertainment & Design	Select at least 4 from the same major
Media Technology Major	Media Technology 1, 2, 3H, 4H
Digital Art and Design Major	Digital Art and Design 1, 2, DC DAAD 3, DC DAAD 4
Journalism Major	Introduction to Journalism Journalism 2; Journalism Editor 4, 5, 6, 7 Yearbook Production or Journalism Editor Media Technology Photography Digital Art and Design

Cluster: Humanities	Select at least 4 from the same major
Advanced Placement – Interdisciplinary Studies Major	4 AP Courses
English Major	Film and Fiction, Public Speaking Newspaper 1, 2 Creative Writing 1, 2 Advanced Creative Writing Introduction to Journalism Journalism 2 Journalism Editor 4, 5, 6, 7 AP English Literature, AP English Language, DC ENGL 101, DC ENGL 102, AP Seminar
International Studies Major	French 1, 2, 3, AP, Dual Credit (Third level of same language required for major) Spanish 1, 2, 3, 4, AP, Dual Credit (Third level of same language required for major) Model United Nations
Social Studies Major	Sociology, Psychology, Criminal Justice, History of Sport Model United Nations Pre-AP/AP U.S. History AP European History & AP World History, AP Human Geogra AP Psychology, AP U.S. Gov., AP Macroeconomics AP Art History Dual Credit Criminal Justice Dual Credit Sociology Dual Credit Government/Economics

School of Business and Information Systems	
Cluster: Management & Entrepreneurship	Select at least 3 from the same major
General Management Major	*Required courses*: Accounting 1 Entrepreneurship ***Choose 1 from following*:** Accounting 2, Business Law, Marketing, Fundamentals of Webpage Design & Development
Cluster: Financial Services	Select at least 3 from the same major
Accounting Major	*Required Courses*: Accounting 1, Accounting 2 ***Choose 1 from the following*:** Business Law, Entrepreneurship, Advanced Personal Finance
Cluster: Digital Technology	Select at least 3 from the same major
Programming and Software Development Major	*Required Courses*: Introduction to Computer Programming, Intermediate Computer Programming ***Choose 1 from the following*:** Fundamentals of Computing, Fundamentals of Web Page Design & Development, AP Computer Principles
Cluster: Marketing and Sales	Select at least 3 from the same major
Marketing Management Major	*Required Courses*: Marketing Marketing Management **or** Sports & Entertainment Management ***Choose 1 from the following*:** Sports/Entertainment Mgt., Entrepreneurship Accounting 1, Business Law

School of Engineering and Integrated Technologies	
Cluster: Agriculture	Select at least 4 from the same major
Plant & Animal Systems Major	*Required Courses (choose 4)*: Agricultural Sci. and Tech Animal Science Small Animal Care Intro to Veterinary Science Equine Science
Cluster: Advanced Manufacturing	Select at least 4 from the same major
Math Major	Pre-Calculus CP or Honors Calculus H, AP Calculus AB, AP Calculus BC Statistics CP or Honors, AP Statistics, DC Math 110, DC Math 120
Project Lead the Way: Pre-Engineering Major	*Required Courses*: Introduction to Engineering Principles of Engineering *Choose 2 from the following*: Digital Electronics, Civil Engineering & Architecture, Comp. Integrated Manufacturing, Engineering Design & Dev., Aerospace Engineering
Science Major	Physics CP or Honors Biology 2, Pre AP/AP Biology (2 units) Chemistry 2, AP Chemistry, AP Physics 1, AP Physics C, Astronomy, Marine Science Environmental Science, Forensic Science
Cluster: Supply Chain & Transportation	Select at least 4 from the same major
Automotive and Hybrid/BEV Technology Major	Auto Technology 1, 2, 3, Auto Technology 4H, Supply Chain & Transportation Internship -Work-Based Credit

School of Health and Human Services	
Cluster: Education	Select at least 4 from the same major
Introduction to Teaching Major	*Required Courses*: Child Development 1 Introduction to Teaching 1 Introduction to Teaching 2 *Choose 1 from the following*: DC Teacher Cadet, DC Educational Psychology, Fundamentals of Computing
Cluster: Family & Consumer Science	Must Take All 3
Family and Consumer Science Major	Foods & Nutrition 1 Foods & Nutrition 2 Nutrition & Wellness H
Cluster: Health and Human Services	Select at least 3 from the same major
Biomedical Science – PLTW	Principles of Biomedical Sciences Human Body Systems Medical Interventions Biomedical Innovation H
Cosmetology	Cosmetology 1, 2, 3, 4
Healthcare Science	Healthcare Science 1, 2, 3 H, 4 H or DC CNA, or DC Medical Terminology
Sports Medicine	*Required Courses*: Sports Medicine 1, 2, and 3
Cluster: Public Service & Safety	Select at least 4 from the same major
Law and Legal Services	Criminal Justice, Business Law Public Speaking, U.S. Government/Economics
Military Science	*Required Courses:* Marine Corps JROTC 1 & 2 or Navy JROTC 1 & 2 Military Science 1 & 2 *Courses to continue to program*: Marine Corps JROTC 3-4, Military Science 3-4; Navy JROTC 3-4
Cluster: Hospitality, Events & Tourism	Select at least 3 from the same major
Culinary Arts Management	Culinary Arts Management 1 Culinary Arts Management 2 Choose 1 from the following: Food and Nutrition 1, Nutrition & Wellness H, Accounting 1, Entrepreneurship, Fundamentals of Computing

Fort Mill Schools 2027-2028

CTE Programs

Completer Requirements (current as of printing)

(CTE completers may be awarded a teal cord for the graduation ceremony.)

Program	Completer 3 or more courses by program (Bolded courses are required)
Accounting (3 courses)	**Accounting 1** **Accounting 2** And one of the following: Business Law, Entrepreneurship, Advanced Personal Finance
Automotive Technology (4 courses)	**Automotive Technology 1** **Automotive Technology 2** **Automotive Technology 3** **Automotive Technology 4 or Supply Chain & Transportation WBL**
Cosmetology (4 Courses)	**Cosmetology 1** **Cosmetology 2** **Cosmetology 3** **Cosmetology 4**
Culinary Arts (3 courses)	**Culinary Arts Management 1** **Culinary Arts Management 2** And one of the following: Food and Nutrition 1, Nutrition and Wellness H
Digital Arts & Design (4 courses)	**Digital Art & Design 1** **Digital Art & Design 2** **Dual Credit Digital Art & Design 3** **Dual Credit Digital Art & Design 4**

Family & Consumer Science (3 courses)	**Foods & Nutrition 1** **Foods & Nutrition 2** **Nutrition & Wellness H**
General Management (3 courses)	**Accounting 1** **Entrepreneurship** And one of the following: Accounting 2, Business Law, Fundamentals of Webpage Design & Development
Healthcare Science (3 courses)	**Healthcare Science 1** **Healthcare Science 2** And one of the following: Healthcare Science 3 H; Healthcare Science 4 H – Clinical Studies; Dual Credit Health Sciences (FMHS) or CNA (CRHS & NFHS)
Introduction to Teaching (4 courses)	**Child Development 1** **Introduction to Teaching 1** **Introduction to Teaching 2** And one of the following: DC Teacher Cadet Course (CTE), DC Educational Psychology (CTE), Fundamentals of Computing
Marketing Management (3 courses)	**Marketing** **Marketing Management or Sports & Entertainment Mngt** And one of the following: Accounting 1, Business Law, Entrepreneurship, Sports and Entertainment Management
Media Technology (4 courses)	**Media Technology 1** **Media Technology 2** **Media Technology 3** **Media Technology 4/Dual Credit Media Technology**

Plant and Animal Science (4 courses)	**Agricultural Science and Technology** **Animal Science** **Small Animal Care** **Equine Science** **Introduction to Veterinary Science**
PLTW Biomedical Science (3 courses)	**Principles of Biomedical Science** **Human Body Systems** **Medical Interventions** **Medical Innovations**
PLTW Pre-Engineering (4 courses)	**Introduction to Engineering Design** **Principles of Engineering** And two of the following: Aerospace Engineering; Civil Engineering and Architecture; Computer Integrated Manufacturing; Digital Electronics; Engineering Design and Development
Programming and Software Development (3 courses)	**Introduction to Computer Programming** **Intermediate Computer Programming** And one of the following: Entrepreneurship, Foundations of Animation, Fundamentals of Computing, Fundamentals of Web Page Design
Sports Medicine (3 courses)	**Sports Medicine 1** **Sports Medicine 2** **Sports Medicine 3**

Dual Credit Programs

Dual credit courses allow students to earn high school and college credit simultaneously. Dual credit courses carry a 1.0 quality point weighting above CP level courses. Students must have a 3.0 GPA in order to meet admission criteria for dual credit courses for our partnering higher education institutions.

Our dual credit courses are in partnership with the University of South Carolina-Lancaster, York Technical College, or Winthrop University. Your child may qualify for S.C. Lottery Tuition Assistance which would cover their tuition. If your child is not eligible for this scholarship there is a fee associated with these courses, payable to the institution. Please consult with prospective colleges to determine if and how they would accept these courses upon enrollment in college. **Students are responsible for the costs of textbooks for these courses.** The Lottery Tuition Assistance does NOT cover the costs of books. **Students will not be eligible for tuition assistance if they are enrolled in two dual credits from two different higher-ed institutions in the same semester or go over 15 credit hours.**

The Fort Mill School District offers a wide variety of dual credit programs. Some of these courses are taught on the campuses of our three high schools and some of them are on the campuses of York Tech, Winthrop, and USC-Lancaster. For courses taught off of our school campuses, students must be able to provide their own transportation.

New Dual Credit Pathways

For the 2027-2028 school year, students will be able to apply for new dual enrollment pathways through each of our college partners: Winthrop University, University of South Carolina- Lancaster, and York Technical College. Successful completion of these pathways will earn students' college credit and possibly an Associate Degree.

This new program is for juniors who meet the following criteria:

- 3.5 weighted GPA or higher
- Must not have failed a course due to attendance in the prior year
- Successful completion of Algebra II, English III, 2 lab sciences, and one social studies credit
- Satisfy all university admission requirements
- Able to provide transportation to the college campus and back to your high school campus
- Able to pay for textbooks (there may be some assistance available for these purchases)

An application and lottery system is used to determine which students are selected for these pathways. For more information on these programs please visit our Dual Credit Pathways website

Advanced Placement Programs

In addition to dual credit courses, each high school offers Advanced Placement courses. Depending on the student's performance on the AP exam, college credit can be earned. This transfer credit can vary from one university to another.

The following AP courses are available in the Fort Mill School District:

Social Studies	**Science**	**Math & Computer Science**
Human Geography European History World History United States History United States Government Macroeconomics Psychology	Biology Chemistry Physics 1 Physics C Environmental Science	Calculus AB and BC Statistics Computer Science Principles
English	**The Arts**	**AP Capstone Program**
English Language English Literature	Studio Art (2D Design, Drawing, or 3D Design) Art History Music Theory	Seminar Research

Course Descriptions

Academic Courses

English.....33-39
Mathematics.....40-46
Science.....47-55
Social Studies.....56-63

Elective Courses

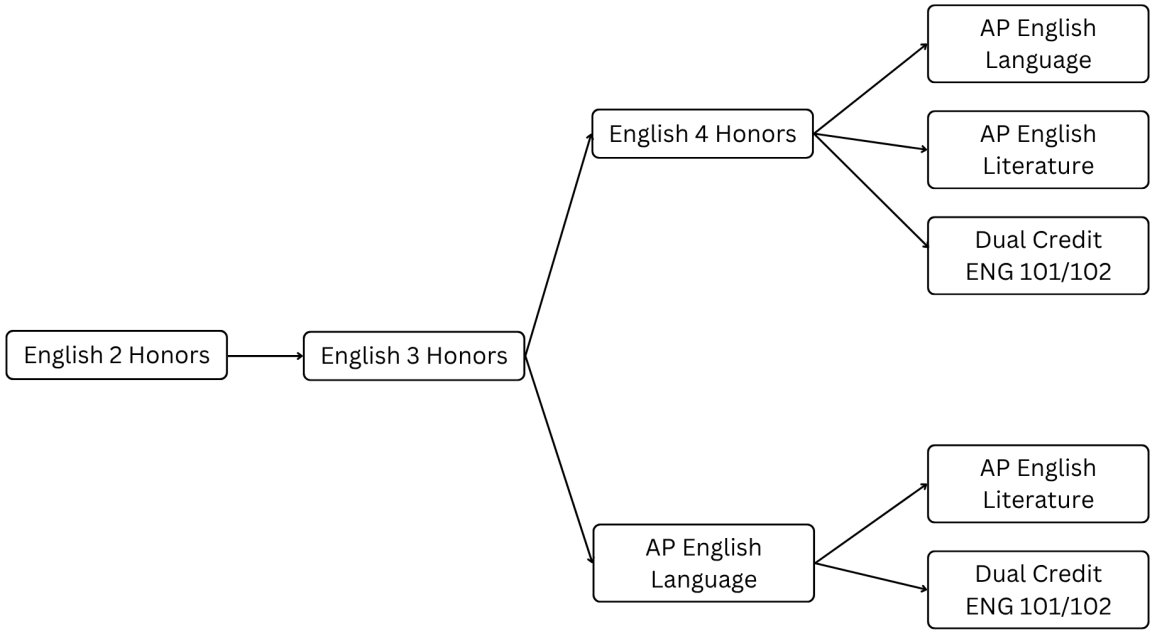
School of Arts and Humanities.....64-88
School of Business and Information Systems.....89-94
School of Engineering and Integrated Technology.....95-106
School of Health and Human Services.....107-126

Additional Courses.....127-128
S.C. High School Credential.....129-130
Life Skills Courses.....131
Occupational Studies Courses.....132-133
Dual Credit Courses.....134-137
Appendix.....138
Course Index.....146

ENGLISH COURSES

College Prep	Honors	Advanced Placement & Dual Enrollment
English 1 CP	English 1 Honors	AP Language
English 2 CP	English 2 Honors	AP Literature
English 3 CP	English 3 Honors	AP Seminar
English 4 CP	English 4 Honors	AP Research
		Dual Credit English

Advanced English Pathway



ENGLISH COURSES (continued)

English 1 - CP **302402CW**

Grade: 9

English 1 CP is a course in which students learn strategies to unlock the meaning of a variety of literary genres. There is a strong focus in this course on developing study, group and presentation skills and applying them to the study of English. Weekly writing assignments and vocabulary units will be assigned. Students will study vocabulary and the mechanics and usage of the English language. Students can expect to study, read or complete homework each night, including short overnight and long-term assignments. On a regular basis, students will be required to read a book of their choice and complete a related assignment. At the end of the course, the student will complete a portfolio to demonstrate their learning and describe their goals for the next year.

English 1 – H **302405HW**

Grade: 8, 9

Prerequisite: For those taking the class in 8th grade GT qualification is required, for those taking the course in the 9th grade an "A" for a final grade in 8th grade ELA or an "Exceeds Expectations" score on most recent SC Ready in Reading, Teacher Recommendation

English I Honors is a year-long (middle school) / semester-long (high school) course in which students will participate in the study of a multi-genre curriculum to prepare students for future coursework in the AP English track in high school. This course emphasizes writing composition, analytical reading, and inquiry-based learning. The Honors level course will involve a more in depth and writing intensive study of English I. Students will be expected to read and analyze a variety of texts across various genres, utilize research and writing skills to complete projects, use critical thinking skills to evaluate and make connections between texts, and to communicate clearly their thoughts and opinions with fellow classmates and the teacher.

ENGLISH COURSES (continued)

English 2 - CP **302502CW**

Grade: 10

Prerequisite: English 1

This survey course of literature incorporates the integrated study of vocabulary, grammar, analysis and composition skills through the study of multicultural short stories, poetry, fiction, nonfiction, and drama. Students will utilize textbooks, novels, work-books and parallel texts. Compositions focus on literary analysis using literary terms, as well as narrative, expository and persuasive styles. The research process will be addressed through the literature component. Students will be required to present their work to their peers using available technology. **Students are required to take an End-of-Course exam provided by the SC State Department of Education which counts 20 percent of the final grade.**

English 2 - H **302501HW**

Grade: 9, 10

Prerequisite: Student must meet state criteria for Gifted and Talented and Teacher recommendation or a B or higher in English 1 Honors

This course concentrates on an advanced study of selected literary works from various genres and eras. In addition, the course develops students' skills in expository writing, listening, speaking, critical thinking, independent research, and vocabulary. Supplementary and pre-course reading is required. **Students are required to take an End-of-Course exam provided by the SC State Department of Education which counts 20 percent of the final grade.**

English 3 - CP **302602CW**

Grade: 11

Prerequisite: English 2 CP or English 2 Honors

This course focuses on American literature. This course involves vocabulary development related to SAT-level words, improvement of grammar and usage, and persuasive research and composition. Literature includes a survey of the major periods, themes, and techniques of American literature. Supplementary reading is required.

ENGLISH COURSES (continued)

English 3 - H **302601HW**

Grade: 10, 11

Prerequisite: Student must meet state criteria for Gifted and Talented and Teacher recommendation or a B or higher in English 2 Honors

English 3 Honors is a course designed to prepare students to take AP English the following year. This English course concentrates on the study of the historical context, literary movements, and writers' techniques of each major period in American literature. In addition to the text, the course requires considerable supplemental reading during the semester, vocabulary development related to SAT-level words, independent research and composition, and research-based expository and persuasive writing.

English 4 - CP **302702CW**

Grade: 12

Prerequisite: English 3 CP or H

English 4 CP is a study of applied grammar through composition. Attention is given to good writing style with special emphasis on critical analysis. In addition, a survey of British literature is provided with emphasis on some of the major works such as *Beowulf*, *Canterbury Tales*, *Macbeth*, and novels by British or world authors. Parallel readings and extensive vocabulary studies are required. This course is designed for students interested in a four-year post-secondary education.

English 4 - H **302701HW**

Grade: 11

Prerequisite: English 3 H and/or teacher recommendation

Throughout the semester students review the rules of grammar through the composition process. Also, students analyze the elements of good writing style in English prose and in their own compositions. Composition requirements include reader responses, expository essays, analytical essays, and a literary-based research paper. Students are engaged in extensive vocabulary studies in order to prepare for the PSAT, SAT and ACT. This course provides a survey of British literature with an emphasis on works such as *Beowulf, The Canterbury Tales, Macbeth, Paradise Lost*, and *Gulliver's Travels*. Students are also expected to read seven other designated parallel novels and/or plays by British or world authors. Students taking this course should be planning to pursue a four-year post-secondary education.

AP English Language and Composition **307100AW**

Grade: 10, 11, 12

Prerequisite: English 3 H and Teacher recommendation

AP English Language and Composition is an introductory, semester-long college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style. The Advanced Placement exam is required at the conclusion of the course. Students will be prepared for the language exam; those who achieve an adequate score on the AP exam(s) can earn college credit for the course.

AP English Literature and Composition **307000AW**

Grade: 11, 12

Prerequisite: English 4 H or AP English Language and Teacher recommendation

AP English Literature and Composition is an introductory, semester-long college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works. The Advanced Placement exam is required at the conclusion of the course. Students will be prepared for the literature exam; those who achieve an adequate score on the AP exam(s) can earn college credit for the course.

AP Seminar **373000AW**

Grade: 10, 11, 12

Prerequisite: English 2 and completion of freshman year.

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. This will be an elective course and will not count as an English credit towards graduation.

ENGLISH COURSES (continued)

AP Research **373100AW**

Grade: 11, 12

Prerequisite: AP Seminar

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

Transition Reading 1 **379940CW**

Grade: 9

Prerequisite: SC Ready scores, STAR scores, grades, diagnostic tests, recommendations from 8th grade teachers, and/or IEP are used for identification of students for this course. This course is designed to remediate and strengthen reading and writing skills. Using a multi-sensory approach and research-based strategies, teachers will provide instruction in word decoding, reading comprehension, fluency, sentence and paragraph writing, grammar, and usage. The course is integrated into the English 1 curriculum and taught over the course of a year. This will be an elective course and will not count as an English credit towards graduation.

Transition Reading 2 **379941CW**

Grade: 10

Prerequisite: SC Ready scores, STAR scores, grades, diagnostic tests, recommendations from 9th grade teachers, and/or IEP are used for identification of students for this course. This course is designed to remediate and strengthen reading and writing skills and is a continuation of Transition Reading. Using a multi-sensory approach and research-based strategies, teachers will provide instruction in word decoding, reading comprehension, fluency, sentence and paragraph writing, grammar, and usage. The course is integrated into the English 2 curriculum and taught over the course of a year. This will be an elective course and will not count as an English credit towards graduation.

ENGLISH COURSES (continued)

Public Speaking - CP
304000CW
Grades: 9, 10, 11, 12
This college preparatory elective is designed to introduce students to the foundations of proper communication and to provide practice for a variety of public speaking situations. Selected units may include interpersonal skills, debate, discussion, interviewing, broadcasting, and parliamentary procedure. The course will provide instruction in the preparation and delivery of formal and informal speeches.

Film & Fiction - CP **309920CW**
Grades: 10, 11, 12 Prerequisite: English 2
Film & Fiction is an English elective designed to teach students how to appreciate serious films and the literary sources for those films. The course will involve reading novels, plays, and essays about film criticism and theory. The course will require tests and quizzes on assigned reading and film, as well as writing reviews and analytical essays.

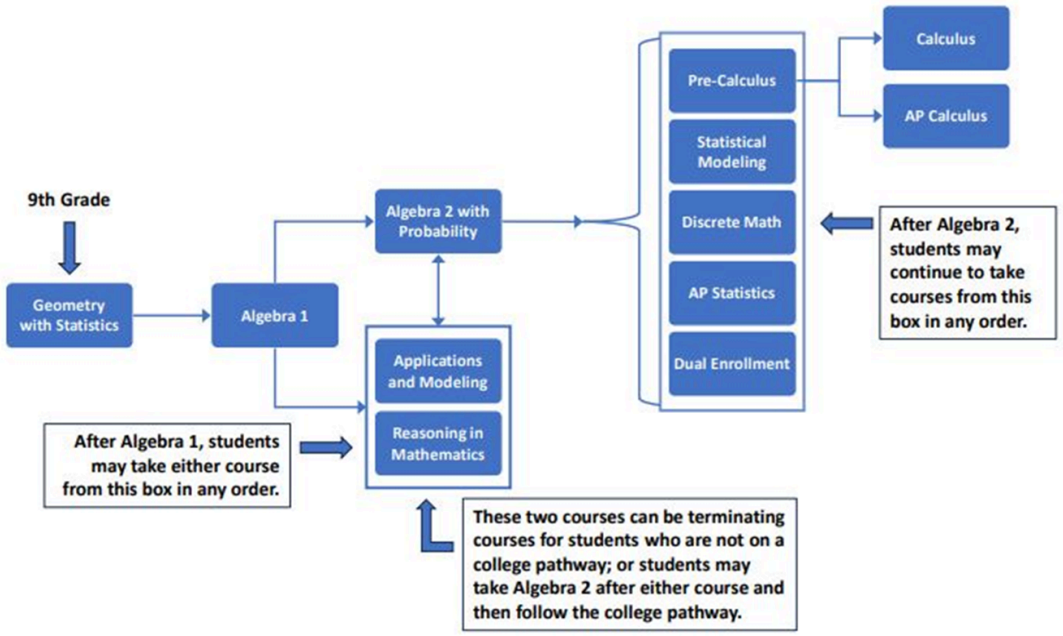
Dual Credit Courses
FMSD offers "Dual Credit ENGL 101: Critical Reading and Composition" and "Dual Credit ENGL 102: Rhetoric and Composition" through University of South Carolina Lancaster. See page 91 for more information.

For additional English electives, see Journalism courses. Description of Journalism courses may be found under Communications on pages 56-57.

MATHEMATICS COURSES

Fort Mill School District
High School Math Course Pathways Flow Chart

Four course credits are required for graduation.



MATHEMATICS COURSES

Geometry with Statistics - CP **412200CW**

Grades: 9

Prerequisite: Successful completion of 8th Grade Math

Geometry CP concepts are introduced visually, inductively, and deductively by a variety of methods. Topics include inductive and deductive reasoning (proof), properties of polygons, constructions, transformations, area, volume, right triangles, similarity, and trigonometry. Students are required to have a scientific (TI30xIIS) or graphing calculator (TI-84).

Geometry with Statistics - H **412200HW**

Grades: 8, 9

Prerequisite: For students taking the course in the 9th grade they will need to have a final grade of A in 8th grade math or "Exceeds Expectations" score on the most recent SC Ready in Math, teacher recommendation.

Honors Geometry uses an inductive approach in which students perform investigations. Students analyze the results to develop rules and formulas based on patterns in their observations. Concepts are introduced visually, inductively, analytically, and finally deductively (proof). Topics are the same as studied in Geometry CP. The Honors level emphasizes deductive proof, independent thought and development of study skills. Students are required to have a scientific or graphing calculator which is used daily in completing assignments.

Algebra 1 - CP **411400CW**

Grades: 10

Prerequisite: Successful completion of Geometry with Statistics

Emphasis is placed on solving linear equations and inequalities, basic operations, factoring of polynomials, and applying these concepts to solve real world problems. Parental support is an integral part of this course. Students are required to have a scientific or graphing calculator which is used daily in completing assignments. **Students are required to take an End-of-Course exam provided by the SC State Department of Education. This exam counts 20 percent of the student's final grade.**

Algebra 1 – H **411405HW**

Grades: 10

Prerequisite: B average in Geometry with Statistics

Algebra 1 honors requires students to complete the course content that meets all SC Algebra 1 standards plus additional lessons and concepts beyond the state requirement for Algebra 1. Algebra uses variables to generalize and extend the laws of arithmetic. The student will acquire facility in applying algebraic concepts and skills to real world problems. Students continue the study of algebraic concepts including operations with real numbers and polynomials, relations and functions, creation graphing and application of linear functions and relations and an introduction to non-linear functions. This course is the basis for all further study of secondary mathematics therefore mastery is essential. This course aligns with the *South Carolina Academic Standards for Mathematics for Algebra 1* and the *Mathematical Practice Standards*.

This course will include the study of the real number system, linear equations and inequalities, polynomials and factoring, graphing and modeling of functions and relations, quadratic and exponential relationships, as well as irrational numbers and descriptive statistics.

This course is intended to challenge the highly motivated and high-performing student desiring an advanced study of mathematics. **All Algebra 1 honors students must participate in the South Carolina End-of-Course Examination Program. This exam counts for 20% of the final grade**.

Applications and Modeling - CP **411900CW**

Grades: 11, 12

Prerequisite: Completion of Geometry with Statistics CP and Algebra 1 CP

Applications and Modeling (AM) is a specialized mathematics course developed to expand on and reinforce the concepts introduced in Geometry with Statistics and Algebra 1 by using those concepts to represent and analyze data and make predictions and inform judgments about real-world phenomena. AM is designed to engage students in doing, thinking about, and discussing mathematics, statistics, and modeling in everyday life. It allows students to experience mathematics and its applications in a variety of ways that promote financial literacy and career-based decision making.

Reasoning in Mathematics - CP **411800CW**

Grades: 11, 12

Prerequisite: Completion of Geometry with Statistics CP and Algebra 1 CP

Reasoning in Mathematics engages students in relevant problems that focus on how mathematics and statistics inform decision making. It prepares students for post-secondary options with instruction that focuses on modeling real-world situations.

Algebra 2 with Probability- CP **411500CW**

Grades: 10, 11, 12

Prerequisite: Completion of Geometry with Statistics CP and Algebra 1 CP; "A" average in Reasoning in Mathematics or Applications in Modeling and teacher recommendation

Algebra 2 extends the knowledge of all concepts studied in Algebra 1 and unifies them with those concepts studied in Geometry. Topics introduced are the set of complex numbers, and rational exponents. A graphing calculator (TI-84) is strongly recommended. Students are encouraged to be enrolled or have taken Algebra 2 before taking the SAT.

Algebra 2 with Probability - H **411500HW**

Grades: 10, 11, 12

Prerequisite: B average in Geometry with Statistics Honors and Algebra 1

Algebra 2 extends the knowledge of all concepts studied in Algebra I and unifies them with those concepts studied in Geometry. Topics introduced include the set of complex numbers, rational exponents, exponential and logarithmic functions, and advanced polynomial functions. Applying concepts to real world problem solving is emphasized. Students are strongly encouraged to have a scientific and graphing calculator. TI-84 is the graphing calculator used for instruction.

MATHEMATICS COURSES (continued)

Pre-Calculus - CP **413102CW**

Grades: 11, 12

Prerequisite: C average in Algebra 2 with Probability

This course develops a firm grasp of the underlying math concepts of precalculus while using algebra as a tool. Solving real-life problems are studied through the use of discovery and exploration, integrated technology and consistent problem-solving strategies. Topics found in this course include functions, exponents, logarithms, conics, matrices, graphs and trigonometry. A graphing calculator (TI-84) is strongly recommended.

Pre-Calculus - H **413101HW**

Grades: 11, 12

Prerequisite: B average in Algebra 2 with Probability Honors

This course is designed for the student who successfully completed Algebra 2 Honors. Topics found in this course are functions, exponents, logarithms, matrices, polar coordinates, and trigonometry. The correlation between the topics discussed and the real world are found in problem solving activities. A graphing calculator (TI-84) is strongly recommended.

Calculus - H **413500HW**

Grade: 12

Prerequisite: C average in Honors Pre-Calculus; B average in Pre-Calc CP and teacher recommendation

Calculus is the mathematics of motion and change. The course will cover first year calculus in two parts: differential and integral calculus. A graphing calculator (TI-84) is strongly recommended.

AP Calculus AB and BC **417020AW, 417200AW**

Grades: 11, 12
Prerequisite: "A" in Pre-Calc CP or B or better in Pre-Calc Honors and Teacher Recommendation
Two Semesters: AP Calculus AB Fall, AP Calculus BC Spring (2 units)
This course provides a study of limits and their properties; modeling and regression; differentiation; applications of differentiation, related rates, optimization and curve sketching; integration; applications of integration including area, volume, work, and force; logarithmic differentiation, differential equations, trigonometric integrals, inverse trig functions differentiation, and integration, integration by parts, and power series and polar area. Students are required to take the AP Calculus BC examination in May. Both a BC and an AB sub-scores on the AP Exam will be forwarded to selected colleges. The course content corresponds to the syllabus established by the College Board AP Program. Graphing calculator is required.

Statistical Modeling – CP **412000CW**

Grades: 11, 12
Prerequisite: Geometry with Statistics CP or Algebra 2 and teacher recommendation
Data collection, description and analysis are studied as ways to report findings and build mathematical models for prediction and decision making. Statistics assess the usefulness of models. Applications to business, social science and health science are included. A graphing calculator (TI-84) is strongly recommended.

Statistical Modeling - H **412000HW**

Grades: 11, 12
Prerequisite: C or better in Algebra 2H or Pre-Calculus H or B or better in Alg2 CP
This advanced level math course prepares students for entering AP Prob/Stat or an introductory college course in statistics. Data collection, description and analysis are studied as ways to report findings and build mathematical models for prediction and decision making. Probability is used to assess the usefulness of models. Applications to business, social science and health science are included. Designing experiments and testing hypotheses are included in this course. Binomial and geometric distributions are introduced. A graphing calculator (TI-84) is strongly recommended.

MATHEMATICS COURSES (continued)

AP Statistics **417100AW**

Grade: 11, 12

Prerequisite: Statistics H must be taken in consecutive semesters

This is an advanced level math course which prepares students for a national AP Statistics exam. An adequate score on the national exam may earn college credit for an introductory college course in statistics. Choosing data collection methods, designing experiments and testing hypotheses are included in this course with additional emphasis being given to communicating and justifying methods and conclusions. A graphing calculator (TI-84) is strongly recommended.

SREB Ready for College Math CP **314600CW**

Grade: 11, 12

Prerequisite: Approval by school administration, Geometry with Statistics CP

This course emphasizes an understanding of math concepts, as opposed to memorizing facts. Math Ready students learn the context behind procedures and come to understand the "whys" of using certain formulas or methods to solve a problem. By engaging students in real-world applications, this course develops critical-thinking skills that students will use in college and careers. This course is not approved by the NCAA for potential collegiate athletes and it is not approved for entrance into a 4-year University. It is not designed to prepare students for advanced mathematics in STEM majors.**This course does not count toward the graduation requirements for mathematics.**

Discrete Mathematics – CP **414200CW**

Grades: 11, 12

Prerequisite: Geometry with Statistics CP or Algebra 2; If a student is on the 4-year University pathway, the prerequisite is completion of Algebra 2; If a student is **NOT** on the 4-year University pathway, the prerequisite is the completion of Geometry.

Discrete Mathematics introduces students to the mathematics of networks, social choice, and decision making. The course extends students' application of matrix arithmetic and probability. Applications and modeling are central to this course of study. Appropriate technology, from manipulatives to calculators and application software should be used regularly for instruction and assessment.

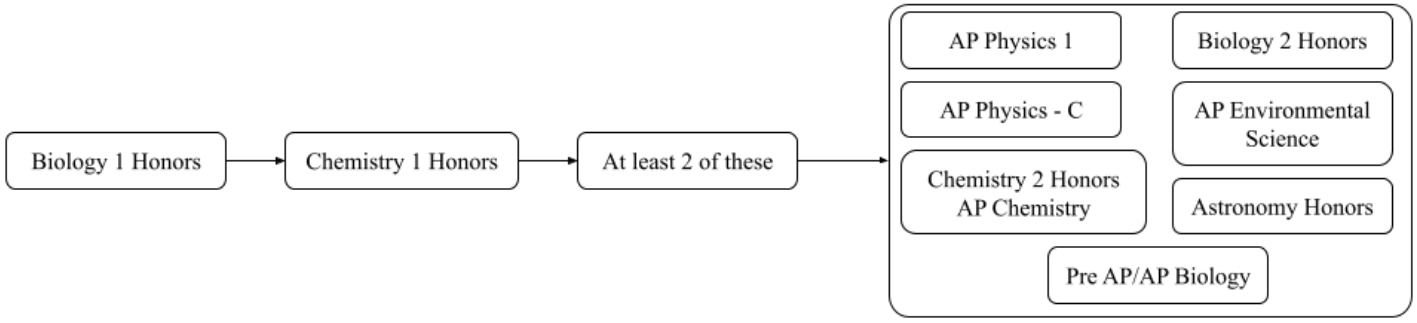
Dual Credit Courses

FMSD offers "Dual Credit MATH 110: College Algebra" and "Dual Credit Math 120: Probability and Statistics" through York Technical College. See pages 89-90 for more information.

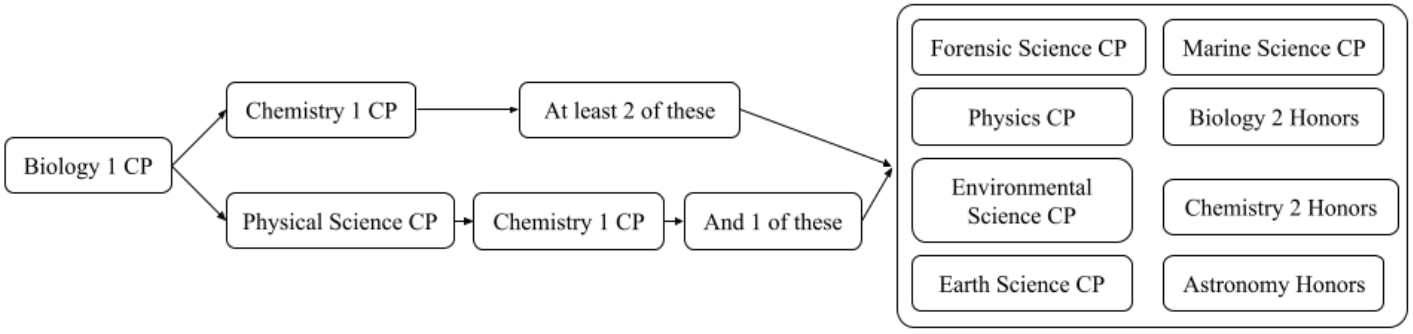
SCIENCE COURSES

FMSD High School Science Course Pathways
****Physical Science is not considered a lab science.**

Honors Path

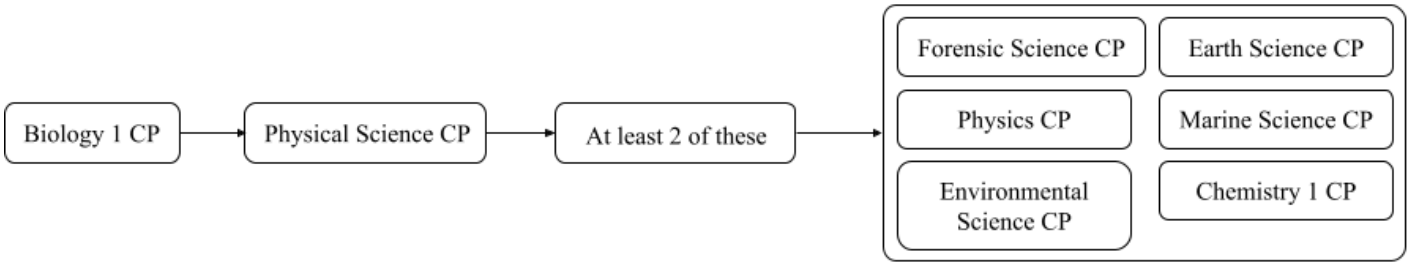


College Bound Pathway



High School Graduation Pathway

Students must take Physical Science CP, Biology 1 CP and then two more courses from the remaining six choices. One of these two additional courses should be taken during their senior year.



These three (3) pathways are based on the typical course progression. Actual course registration is based on grades and teacher recommendations. Students may move between pathways. Most colleges and universities require three (3) lab sciences for admission. All of our science courses are considered lab sciences **except** for Physical Science. Please consult your guidance department for more information.

SCIENCE COURSES

Physical Science – CP (not considered a lab science) **321101CW**

Grades: 10, 11, 12

Prerequisite: Completion of Foundations and Intermediate Algebra

This course is designed to provide a background for enrollment in Chemistry and Physics. Students will spend nine weeks studying basic chemistry: the composition of matter, how elements behave, and how elements combine to form new substances. The second nine weeks introduces topics in basic physics including the laws of motion, work and machines, and some of the different forms of energy. This course develops laboratory skills and problem-solving skills.

Biology 1 - CP **322100CW**

Grade: 9

Prerequisite: Completion of 8th grade Science

In this course, the student explores areas of cellular biology, genetics, ecology and evolution. The course may include dissections as well as other laboratory exercises. Projects are required. **Students are required to take an End-of-Course exam provided by the SC State Department of Education. This exam counts 20 percent of the student's final grade.**

Biology 1 - Honors **322100HW**

Grade: 9

Prerequisite: "A" in 8th grade Science

This course is a rigorous college preparatory biology class for highly motivated students who have demonstrated excellent study skills and high aptitude in science, math and/or English. The course will cover basic chemistry, cellular biology, genetics, evolution, classification, and inquiry skills in greater depth than Biology CP. The course will emphasize critical thinking and writing skills, laboratory skills, calculating data, graphing and essay exam questions. Students planning on enrolling in AP Biology or AP Chemistry should take this course. **Students are required to take an End-of-Course exam provided by the SC State Department of Education. This exam counts 20 percent of the student's final grade.**

Chemistry 1 - CP **323100CW**

Grade: 10, 11, 12

Prerequisite: Completion of Biology 1 CP

Chemistry 1 is a college preparatory course designed to provide the college bound student with a well-rounded background in chemistry. The course seeks to help the student develop fundamental problem-solving skills and provides the student with knowledge of chemistry and its effects on their daily lives. The student will be exposed to basic chemistry concepts, will learn how to use standard chemistry lab equipment, and will develop skills needed to enter a first-year college chemistry course.

Chemistry 1 - H **323100HW**

Grades: 10, 11

Prerequisite: C or better in Biology 1 H; or an A in Biology 1 CP

Chemistry 1 Honors is an accelerated college preparatory chemistry course. This course is designed for highly motivated students who have demonstrated excellent study skills and high aptitude in math and science. Chemistry topics are the same as in Chemistry 1 CP, but they are covered in much more theoretical depth and more strenuous mathematical expectations. Students planning on enrolling in AP Biology or AP Chemistry should take this course.

Chemistry 2 - H **323200HW**

Grades: 11, 12

Prerequisite: C or better in Chemistry 1 H and Algebra 2 H

Chemistry 2 is an advanced course designed for students who have an interest in science or who have career interests which require a strong chemistry background: medicine, engineering, or science majors. Emphasis is placed on developing good laboratory and problem-solving skills especially in the areas of environmental chemistry, electrochemistry, nuclear chemistry, chemical analysis, solution chemistry, and organic. Chemistry in the "real" world is introduced on a continuing basis. Chemistry 2 provides students with the additional skills needed for chemistry courses required of science and engineering majors. Chemistry 2 Honors is the prerequisite for AP Chemistry.

Chemistry - AP **327300AW**

Grades: 11, 12

Prerequisite: Chemistry 2 H must be taken in consecutive semesters

This course is designed to be the equivalent of the general chemistry course usually taken during the first year in college. In this course, students will pursue a more in-depth study of topics covered in Chemistry 2 as well as other topics covered in the AP Chemistry course from The College Board. These topics include structural isomerism, organic chemistry, kinetics and thermodynamics as well as a review of topics from Chemistry CP such as gas laws and reactions. Accompanying lab work will give the students additional practice with data analysis, and expressing themselves with clarity and logic. The required AP Exam at the end of the course may lead to college credit.

Physics - CP **324100CW**

Grades: 11, 12

Prerequisite: C average in Intermediate Algebra or Algebra 1, Physical Science CP, or Biology CP

Physics CP is designed to provide students with a clear and logical understanding of the concepts and principles of Physics and prepare them to use Physics in their lives. To meet this objective, emphasis is placed on applications of Physics concepts and principles through hands-on learning experiences in the laboratory. The course also provides students with problem-solving methodology on a continuous basis to re-emphasize concepts. Major topics covered include: forces, motion, energy, momentum, waves and electricity. CP Physics is a science elective intended for students going to either a four year or two-year institution of higher education, but Physics Honors is more appropriate for students seeking further education in an engineering or STEM major.

Physics - H **324100HW**

Grades: 11, 12

Prerequisite: C or better in Algebra 2 H, Biology H and/or Chemistry H or an A in the CP levels of these same courses

Honors Physics is designed to provide students with a clear and logical understanding of the concepts and principles of physics. Secondly, the course is designed to strengthen students' understanding through applications to the real world. To meet these objectives, the emphasis is on sound reasoning capabilities and problem-solving methodology. The mathematical techniques include Algebra, Geometry, and Trigonometry. The laboratory experience is essential to learning and understanding physics and will play an important role. Major topics covered include forces, motion, energy, momentum, waves, optics, and electricity.

Physics 1 – AP **328200AW**

Grades: 10, 11, 12

Prerequisites: C or better in Algebra I H, Biology H and/or Chemistry H or an A in the CP levels of these same courses

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound (from the College Board).

Physics C: Mechanics - AP **327500AW**

Grades: 11, 12

Prerequisite: Calculus (or concurrently enrolled)

This challenging, calculus-based course focuses on the principles of mechanics, making it ideal for students interested in physics, engineering, or mathematics. Topics include kinematics, Newton's laws, work, energy, momentum, rotational motion, and gravitation. Through problem-solving, laboratory experiments, and theoretical analysis, students develop a deep understanding of the fundamental concepts of motion and forces. This course prepares students to take the AP Physics C: Mechanics exam.

Biology 2 - H **322200HW**

Grade: 11, 12

Prerequisite: C or better in Biology 1 H and C or better in Chemistry 1 H; or B in the CP levels of these same courses

This course is designed for the student with an interest in biology, particularly in the medical field. It will prepare students for a college level biology course. Biology 2 includes an extensive study of molecular biology and genetics. Laboratory work and projects are an integral part of the course.

Biology - Pre-AP Honors/AP **329910HW, 327220AW**

Grades: 11, 12

Prerequisite: B in Biology 1 H and Chemistry 1 H or an A in the CP levels of these same courses and teacher recommendation

Pre AP and AP must be taken in consecutive semesters.

This course is modeled after a college-level biology course. This course includes an in-depth study of cell biology, genetics, animal physiology, botany, and ecology. Journal readings and extensive laboratories are incorporated within the curriculum. The required AP Exam at the end of the course may lead to college credit. The course is recommended for science majors and other students very interested in life science.

SCIENCE COURSES (continued)

Environmental Science - CP **326100CW**

Grades: 11, 12

Prerequisite: Successful completion of Biology 1 CP

This course combines concepts from biology and chemistry to learn about the interaction between humans and the environment. Students explore and apply ecological concepts to environmental issues. This class consists of lab work, field studies, and school environmental projects. Students research current environmental issues so that they can form educated opinions in order to debate with their peers.

Environmental Science - AP **327700AW**

Grades: 11, 12

Prerequisite: Biology 1 CP, Chemistry 1 CP, Algebra 2 CP

This course is designed to be the equivalent of a one-semester introductory college course in environmental science. It is an interdisciplinary course that encompasses biology, chemistry, geology, earth science, and geography. Students will be expected to master much of the content outside of class, so ample class time is allowed for labs. Students will study the scientific principles, concepts and methodologies necessary to understand the complex relationships of the natural world, identification and analysis of environmental problems, evaluation of the relative risks associated with these problems and the examination of alternate solutions for resolving or preventing these problems.

Earth Science - CP **326500CW**

Grade: 12

Prerequisite: Biology 1, Chemistry 1

This course provides students with a basic knowledge of the natural world that will serve as the foundation for more advanced secondary and postsecondary courses and will also give them the science skills necessary for earth science-oriented science careers. All Earth Science courses are laboratory courses (30% lab).

Marine Science - CP **322500CW**

Grades: 11, 12

Prerequisite: Biology 1 CP

Through laboratory activities and simulations, exciting field experiences, and integrated graphic lectures students will be exposed to the wide range of topics that are related to the marine environment. Such topics that will be covered include: marine geology; sea-floor spreading and plate tectonics: chemistry of oceans; tides, waves, oceanic circulation and currents; the ecology of pelagic and benthic organisms, including those from rocky coasts, unconsolidated shores, and coral reefs: island biology; benthic plants and phytoplankton; zooplankton and nekton; marine invertebrates, fishes, reptiles, birds and mammals; marine productivity and fisheries; marine pollution and conservation. Laboratory and field work focus on the diverse marine ecosystem of the South Carolina coastline.

Forensic Science – CP **324500CW**

Grades: 11, 12

Prerequisite: Biology 1

Forensic Science is a multidisciplinary course that includes concepts of chemistry, anatomy, genetics, physics, medicine, mathematics, psychology, communications and law, in order to help solve crimes. This class will involve labs, case studies and projects. Students enrolled in this course will learn to utilize complex problem-solving skills using numerical data, evidence, uncertainty and logical reasoning. This course will cover the topics of search and seizure, processing crime scenes, fingerprints, hair and fiber analysis, impressions, serology and DNA, blood spatter, toxicology, firearms and explosives, osteology and autopsy, and photography.

Astronomy - Honors **325100HW**

Grades:11, 12

Prerequisite: C or better in Algebra 2 H, Biology H and/or Chemistry H or an A in the CP levels of these same courses.

Astronomy is an honors-level science course where students study astronomical processes through labs, algebra-based mathematical reasoning, and real-time astronomical observations of the sky. A broad range of concepts studied include a history of astronomical observations, motions of the earth and moon, nature of light, solar system objects, stellar evolution, galaxies, universe expansion, astrobiology, and the future of our universe.

Zoology - Honors

Grades: 11, 12

Prerequisite: C or better in Biology 1 H and C or better in Chemistry 1 H; or B in the CP levels of these same courses

This advanced Biology course is designed for 4-year college-bound students who have a strong interest in animal science and/or plan to go into careers focused on animals. This course will include the study of the animal kingdom, including invertebrates and vertebrates. Topics will include anatomy, morphology, development, classification, evolution, and other general characteristics. **Dissection is a required component of this class.**

Dual Credit Courses

FMSD offers “Dual Credit CHEM 105: Chemistry & Modern Society” and “Dual Credit CHEM 107: Forensic Chemistry” through University of South Carolina Lancaster. See page 91 for more information.

SOCIAL STUDIES COURSES

Human Geography - CP **330700CW**

Grade: 9, 10, 11, 12

Prerequisite: Strongly recommended for all 9th graders

In Human Geography CP provides the student with an understanding of the major world regions and their relationship with the US. The course follows the guidelines established by the National Geography Standards. The first segment will focus on map skills, internal and external global forces, the earth's structure, climate patterns and population patterns. The remaining portion of the course will involve exploring the political, cultural and physical make-up of each of the world's major regions including North America, South America, Asia, Europe, Middle East, Africa and Australia. The ultimate goal is to stimulate interest in world events while fostering an attitude of tolerance.

Human Geography - H **330700HW**

Grade: 9

Prerequisite: "A" in 8th Grade Social Studies

This course provides academically talented students an opportunity to experience a more in-depth survey of Human Geography. This course emphasizes the study of the five themes of geography through research and analysis of the modern world. Students will study the physical, economic, political, social and environmental factors that shape our world today. The students will examine the world by looking at current events and global trends through the use of primary and secondary source documents, multimedia, essay writing, debates, and other assigned projects.

Human Geography - AP **337900AW**

Grade: 9

Prerequisite: "A" average in English 1 and Social Studies in 8th grade

AP Human Geography presents students with the curricular equivalent of an introductory college-level course. Content is presented thematically rather than regionally and is organized around the discipline's main subfields: economic geography, cultural geography, political geography, and urban geography. The approach is spatial and problem oriented. Case studies are drawn from all world regions, with an emphasis on understanding the world in which we live today. Historical information serves to enrich analysis of the impacts of phenomena such as globalization, colonialism, and human-environment relationships on places, regions, cultural landscapes, and patterns of interaction.

SOCIAL STUDIES COURSES (continued)

Modern World History - CP **330600CW**

Grades: 10, 11, 12

Prerequisite: Strongly recommended for all 10th graders

Modern World History CP involves the study of major civilizations of the past and their contributions to the world as it exists today. Students will analyze why, when and where civilizations developed, declined and influenced culture in the modern world.

Modern World History – Honors **330600HW**

Grades: 10, 11, 12

Prerequisite: "B" or higher in previous social studies course

Modern World History Honors is a comprehensive study of world history and human interaction from the Roman Empire through the problems of the present day. The course includes the development and evolution of politics, economics, and cultures in the emergence of the modern world. Students will be expected to read supplemental literary selections and to engage in critical analysis of primary sources and cultural comparisons. There is a strong analytical writing component and research skills are expected. This is a required course for students who plan to take AP European History.

AP World History: Modern **337700AW**

Grades: 10

Prerequisite: "B" or higher in Human Geography H/AP Human Geography and English I H

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time.

AP European History **337600AW**

Grades: 11, 12

Prerequisite: "B" or higher in World History Honors or AP World History: Modern

In AP European History, students investigate significant events, individuals, developments, and processes from approximately 1450 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time.

SOCIAL STUDIES COURSES (continued)

United States History - CP **332001CW**

Grade: 11

This course provides a general survey of the major political, diplomatic, economic, and social developments in the United States since the settlement of North America. Current events in domestic and foreign policy are developed within the context of the American experience. This course emphasizes the use of historical documents and developing the analytical writing skills that are needed for college level work. U.S. History is required by the state for graduation. **Students are required to take the state End-of-Course exam. This exam counts 20 percent of the student's final grade.**

United States History – H **332000HW**

Grade: 11

Prerequisite: "B" or higher World Geography H/World History Honors and English II Honors United States History and Constitution is a semester-long course in which students will study the major people, places, events, and ideas in United States History as well as the organization and function of our government and Constitution. The course is designed to give students an understanding of the historical events that have shaped the nation and the ideas and people behind them. **This course is also designed to give students the necessary information and skills to be successful on the South Carolina End of Course Examination that will be given upon completion of the course. This exam is worth 20% of the student's overall grade for the year in the course.** The Honors level course will involve a more in depth and writing intensive study of American History. Students will be expected to read and analyze primary and secondary sources, utilize research and writing skills to complete projects, use historical thinking skills to evaluate evidence relating to various events in history and be able to communicate thoughts and opinions well with fellow classmates and the teacher.

United States History - Pre-AP H/AP **339910HW, 337220AW**

Grade: 11

Prerequisite: "B" or higher in World Geography Honors/World History Honors and English II Honors. Pre-AP and AP must be taken in consecutive semesters.

An examination of political, social, economic, cultural, and foreign policy trends in America's development is emphasized. The students will examine the interpretation of historical events and trends, through the use of documents, essay writing, and special projects. This is a college level and not a college preparatory course. Success on the AP exam may render college credit. **Students are also required to take an End-of-Course exam provided by the SC Department of Education. This exam counts 20 percent of the student's final grade.**

U.S Government/Economics and Personal Finance- CP **333000CH and 330800CH**

Grade: 12

Prerequisite: Completion of US History

Students will take U.S. Govt for 9 weeks and Econ for 9 weeks. Students will earn .5 credit for each.

Government/Economics deals with the unique relationship between a democratic government and a capitalist economic system. Federal, state and local governments are closely examined to determine how our federal system works in the United States. Strong emphasis is placed on South Carolina government and the local government in York County. Economics takes an in-depth look into the workings of the capitalist system that is used in the United States. Supply and demand, labor, taxation, money and banking, the Federal Reserve: Investments and the markets, unemployment and inflation, and international trade are units that are covered extensively. A thorough understanding of the relationship between government and economics is conducted through each unit of study.

U.S. Government/Economics and Personal Finance- H **333000HH and 330800HH**

*Grade***:** 12

Students will take U.S. Government for 9 weeks and Economics for 9 weeks. Students will earn .5 credit for each.

Prerequisite: B or higher in U.S. History Honors or U.S. History AP

Honors Government and Economics is a semester-long course which satisfies the state graduation requirement as well as serving as a platform for college bound students. The Government portion of this course is designed to give students an understanding of the foundations of the Federal Government, individual rights, political participation, and the structure and function of the three branches of government. The Economics portion of this course is designed to give students an understanding of different Economic systems, supply, demand, pricing, and market structures. The Honors level course will involve a more in-depth and rigorous study of both subjects, preparing the students for higher level learning. Students will be expected to read and analyze political primary and secondary sources as well as create and interpret Economic graphs and charts. Students will learn higher level problem solving, critical thinking, and analytic skills in this course.

United States Government & Macroeconomics – AP **337300AW, 337400AW**

Grade: 12

Prerequisite: "B" or higher in US History Honors and English III Honors

This year-long class results in two AP credits: AP Gov and AP Econ and counts as the Gov/Econ graduation requirement. AP U.S. Government and Politics is a class taught as a college-level introduction to key political concepts, ideas, institutions, policies, interactions, roles and behaviors that characterize the constitutional system and political culture of the United States. AP Macroeconomics focuses on a college-level study of Macroeconomic concepts, including international trade, currency exchange, production possibilities and trade-offs, supply and demand, measures of economic performance, the circular flow of goods and services, fiscal and monetary policy, money and banking, productivity and unemployment, budget deficits and inflation, and the supply/demand side economic policies. Students will also have the opportunity to obtain further college credit for AP Microeconomics if the student chooses to take and passes the Microeconomics exam.

SOCIAL STUDIES COURSES (continued)

Psychology - CP **334000CW**

Grades: 11, 12

Prerequisite: "C" or higher in another CP social studies course

This course is designed for the college bound student. The students are introduced to a variety of topics including the study of the physiological foundations of behavior, learning, motivation, emotions, perception, human development, personality and abnormal behavior. Projects and readings are required.

Psychology - AP **437100AW**

Grades: 11, 12

Prerequisite: "B" or higher in Psychology CP OR "B" or higher in an honors social studies course

Advanced Placement Psychology is a general overview of the field of psychology. This rigorous college level course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each major subfield within psychology. Students also learn about the ethics and methods psychologists use in their science and practice. Success on the AP exam may render college credit.

Criminal Justice- CP **339991CW**

Grades: 11, 12

Criminal Justice CP is the study of criminal law with an emphasis on the study of police, courts and theprison system. Criminal Justice CP involves the in-depth examination of people, institutions and
important societal issues.

Sociology - CP **334500CW**

Grades: 10, 11, 12

This course is designed for the college bound student. The students will examine the interaction of social groups within various societies. Group projects, open forum discussions, and scientific research are utilized in studying social issues and problems. Students will apply their sociological skills to understand current social issues. There are required readings and writing assignments.

The History of Sport **339940CW**

Grades: 11, 12

The History of Sport will analyze the development and impact of sport(s) in America. Students will interpret research-based texts about the historical origins and development of sports in America as well as worldwide, political, social, cultural, economic, and intellectual concepts through the history of sport. Students will understand why and how sports have become a popular cultural phenomenon and be able to develop products that will exhibit higher cognitive levels in the process. Students will also learn a greater appreciation for the issues that have affected sports such as gender, discrimination, race, bias, and class economics and develop an awareness of these implications in their own lives. Last, students will also be able to communicate the influence that commercialization has within and outside the sports world.

Mock Trial - CP **339920CW**

Grades: 10, 11, 12

The Mock Trial course includes the fundamentals of arguing a case in a court of law. Students will learn how to present evidence to a jury by following rules of evidence and trial procedures as a real lawyer would in a South Carolina courtroom. Students will have the opportunity to perform the roles of witness and attorney. This course also serves as a companion to the Mock Trial Team (students in the course are not required to join the Mock Trial team), and will use the case materials from this as the primary text.

Model United Nations/Debate – H **339930HW**

Grade: 11, 12

Prerequisite: Teacher Recommendation

This course is designed around the structure and purpose of the United Nations. It provides the student an opportunity to debate global issues from the perspective of another nation. The course introduces the students to research, writing resolutions, debating skills, global issues, and the rules of procedure used at the UN.

Dual Credit Courses

FMSD offers “Dual Credit American Criminal Justice System and Dual Credit Introduction to Sociology” and “Dual Credit Government and Economics” through University of South Carolina- Lancaster. See page 89 for more information.

Social Studies Progression

9th Grade	10th Grade	11th Grade	12th Grade
Human Geo CP	World History CP	U.S. History CP	Gov Econ CP
Human Geo H	World History H	U.S. History H	Gov Econ H
AP Human Geo	AP World History	AP U.S. History	AP or DC Gov Econ

Elective for 10th, 11th, and 12th Grade

- Sociology CP

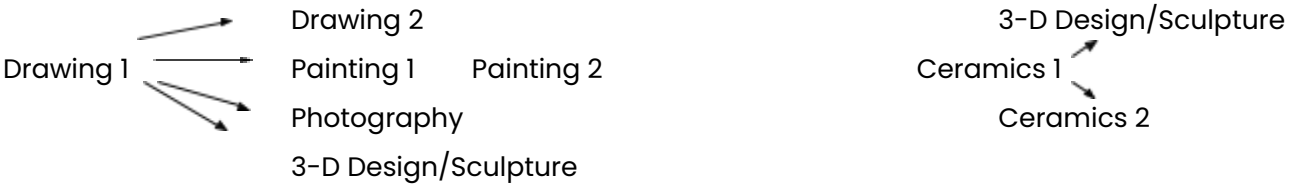
Electives for 11th & 12th Grade

- Psychology CP
- Psychology H
- AP Psych
- Criminal Justice CP
- DC Sociology & Criminal Justice
- AP Euro
- History of Sport

ARTS AND HUMANITIES ELECTIVES:

Visual Arts

Flow Chart for Visual Arts Classes



Junior or Senior Classes (taken after 2 (with portfolio approval) previous art classes are successfully completed):
Portfolio - Fall Semester Jr. or Sr. Year; **AP Studio Art** - Spring Semester Jr. or Sr. Year

Art: Drawing 1 - CP **352100CW**

Grades: 9, 10, 11, 12

Students are introduced to new drawing skills; they will also improve and supplement existing drawing skills. They will practice techniques that reinforce the elements and principles of design using a variety of drawing media. Historical art periods, artists and styles will be incorporated into the studio projects. The students will begin sorting and building portfolios of their work.

Art: Drawing 2 - CP **352200CW**

Grades: 10, 11, 12

Prerequisite: Drawing 1

Advanced drawing students who exhibit initiative and creativity will improve drawing skills and develop originality through both actual and conceptual subject matter using a variety of drawing media. Historical art periods, artists and styles will be incorporated into the studio projects. Portfolio building will be continued.

Art: Painting 1 - CP **352500CW**

Grades: 10, 11, 12

Prerequisite: Drawing 1

Beginning painting students will learn basic painting techniques and explore color theory using tempera, watercolor, and acrylics. Historical art periods, artists and styles will be incorporated into the studio projects.

Art: Painting 2 - CP **352600CW**

Grades: 10, 11, 12

Prerequisite: Drawing 1 and Painting 1

Advanced painting students who exhibit initiative and creativity will sharpen painting skills by working with more complex subject matter and advanced color theory. Historical periods, artists and styles will be incorporated into projects. Experimentation and portfolio building are emphasized.

Art: Ceramics 1 - CP **456100CW**

Grades: 9, 10, 11, 12

This course is an introductory studio art course in the area of three-dimensional design of ceramics. Students will not only be introduced to the properties of clay, but will study ceramic history, develop a ceramics vocabulary and will produce work using techniques such as slab, coil and pinch. In addition, they will study sculpting and glazing techniques, thus producing numerous clay projects.

Art: Ceramics 2 - CP **456200CW**

Grades: 10, 11, 12

Prerequisite: Ceramics 1

This course is designed to provide students with more advanced techniques in Ceramics such as thrown and altered forms, slip casting, glaze chemistry, alternative firing processes, and advanced hand-building. Students will continue to develop their skills and knowledge in the history of ceramic arts, art aesthetics, and art criticism.

Art: Ceramics 3 – CP **456300CW**

Grades: 11, 12

Prerequisites: Ceramics 2

Ceramics 3 is designed to allow students to continue immersion in advanced processes in clay. The focus is on the development of a personal aesthetic and artistic style through teacher facilitated research and hands-on production of ceramics pieces. Students will maintain an investigation journal in ceramics building techniques, history, and the glaze and firing process.

ARTS AND HUMANITIES ELECTIVES: Visual Arts (cont.)

Art: 3-D Design 1 /Sculpture - CP **350500CW**

Grades: 10, 11, 12

Prerequisite: Drawing 1 or Ceramics 1

Students will explore three dimensions in a variety of materials. Historical art periods, artists and styles will be incorporated into the studio projects. Sculpting techniques based on historical styles and artists will be practiced.

Art: Photography - CP **456600CW**

Grades: 10, 11, 12

Prerequisite: Drawing 1 or Portfolio Review

Photography is a course designed to teach students the basics of correct camera use, photo alteration, and experimental uses of the digital camera with the computer software. The class will explore these basics with a carefully thought out program of appropriate assignments, the keeping of a photo journal and written assignments.

Portfolio Art 4 - H **350420HW**

Grades: 11, 12

Prerequisite: 2 prior art courses and teacher approval of a student portfolio

This honors art course is designed for 4th level advanced art students and prospective Advanced Placement Studio Art students. Students will build a portfolio of excellent art work to be presented for scholarship, college entrance, and for Advanced Placement studio art. Focus areas will be: research, critique, developing artistic style, advancing proficiency with a variety of 2 and 3-dimensional media, art display, and competition.

Studio Art - AP - 2D Design, Drawing, or 3D Design **357400AW, 357200AW, 357500AW**

Grades: 10*, 11,12

Prerequisite: Portfolio Art - H must be taken the semester prior to first AP Studio Art

The advanced, serious, self-motivated students will demonstrate creativity, expressiveness, and initiative through a study of AP curriculum in studio art. The students will compile a portfolio to be judged by the College Board for credit. Students may take any of the AP choices. ***10th grade admission is through a teacher recommendation and portfolio review.***

Art History - AP **357100AW**

Grades: 9, 10, 11, 12

Prerequisite: It is highly recommended that the student be comfortable with taking an AP course load.

AP Art History is designed to be the equivalent of a two-semester introductory college or university art history survey course. The AP Art History course explores such topics as the nature of art, its uses, its meanings, art making, and responses to art. Through investigation of diverse artistic traditions of cultures and prehistory to the present, the course fosters in-depth and holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, constructing understanding of individual works and interconnections of art-making processes and products throughout history.

ARTS AND HUMANITIES ELECTIVES:
Performing Arts

*(Note: **Band is a year-long course**. Freshmen and sophomore band students are required to take band both semesters. It is understood that juniors and seniors may encounter scheduling conflicts, in which case the director and school administration will review these conflicts on an individual basis. The option for taking one semester of band to resolve a scheduling conflict will be considered with preference for students taking spring band.)*

Band 1, 2, 3, 4 - CP **(course numbers in table below)**

Grades: 9, 10, 11, 12

Prerequisite: Audition by the instructors

Marching Band 1-8 is a progression of courses in instrumental music. This includes marching band and wind symphony. It allows students who play instruments, the performance opportunity of marching. Students will attend summer rehearsals, band camp and other rehearsals as scheduled. Much emphasis is placed on rehearsals and contests as an extension of the class requirement.

Band 5, 6, 7, 8 - Honors **(course numbers in table below)**

Grades: 11, 12

Prerequisite: Audition by instructors

This course is a performing band for students in grades 11 and 12 only at a first year college level of proficiency. This course provides performance opportunities and requirements at the college level. Much emphasis is placed on rehearsals, concerts, and competitions during and after school days as an extension of the class requirement. Students must participate in small ensembles, solos, concerts, festivals, all-region bands, and all-state bands. Students must select a topic and complete a music history portfolio approved by the instructor. Students must have their own instruments or contract with the individual high school for a school instrument if one is available. These classes meet all of the requirements set forth by the state department of South Carolina for honors courses.

Marching Band with Physical Education Standards - CP **45A000CW**

*Grades***:** 9,10,11,12

*Prerequisite***:** Auditions by the instructors

Marching Band (with physical education waiver option) is a course that will incorporate the Physical Education standards into the Marching Band curriculum. In addition to all marching band course requirements, students in this course will have to complete a pre and post Fitness gram (or equivalent), a Personal Fitness Plan (PFP), and additional coursework aligned to the SC Physical Education Standards to be eligible to receive the Physical Education Credit.

Grade	Fall	Spring
9th	Band 1 - Band PE 45A000CW or 353100CW	Band 2 (Wind Symphony 1) – 353200CW
10th	Band 3 – 353300CW	Band 4 (Wind Symphony 2) – 353400CW
11th	Band 5 – 353500HW	Band 6 (Wind Symphony 3) –353600HW
12th	Band 7 – 357800HW	Band 8 (Wind Symphony 4)– 357900HW

Guitar 1 **356700CW**

Grades: 9, 10, 11, 12

Guitar I is a fine arts elective designed to help the beginner and/or intermediate guitarist explore and achieve their musical goals via a study of the instrument and its application in solo and ensemble performance. Students in Guitar I learn to read music and play a wide range of noteworthy compositions featuring the guitar as well as how to care for the instrument (tuning, cleaning, proper storage, etc.). Students play in class daily; learn exercises, scales, chords, and songs that will build technique
and their repertoire; and study music theory and history relevant to their experience with the guitar. Further, Guitar I aims to give students the fundamental skills and knowledge needed to proceed to and be successful in Guitar II and III should students decide to further their study of the instrument in these classes. While students in Guitar I need not own a guitar, regular access to an instrument and daily practice are essential to success in the course.

Guitar 2 **458000CW**

Grades: 9, 10, 11, 12

Prerequisite: Guitar 1 or audition

This course is designed to increase each student's technical ability, skill and knowledge of the guitar. Students will primarily learn to play songs (in a variety of styles including, but not limited to, jazz standards and popular music) in a variety of settings including solos, small ensembles and as a class. As students learn to play these songs they will learn chords, scales, arpeggios, sight-reading, music theory and history, musicality and professionalism.

Guitar 3 **458100CW**

Grades: 9, 10, 11, 12

Prerequisite: Guitar 2 or audition

This course is designed to increase each student's technical ability, skill and knowledge of the guitar as well as provide opportunities to lead guitar ensembles. Students will focus on learning ensemble pieces and solo songs, including chord-melody style popular songs, folk songs, and jazz standards. Within the context of learning these pieces, the students will continue to expand their facility with intermediate-level chords, scales, arpeggios, sight-reading, music theory and history, musicality, and professionalism. The members of this class can expect to participate in concerts, festivals, and competitions.

Mixed Choir 1, 2, 3, and 4 **459931CW, 459932CW, 459933CW, 459935CW**

Grades: 9, 10, 11, 12

Prerequisite: None

Mixed Choir is a vocal ensemble that builds upon beginning vocal pedagogy and health, sight-reading, music theory, and music appreciation. A variety of musical literature will be studied and performed at least once a semester.

ARTS AND HUMANITIES ELECTIVES: Performing Arts (cont.)

Chorus 1, 2, 3, 4, 5, 6, 7, and 8 **(course numbers in table below)**

Grades: 9, 10, 11, 12 **Chorus 5, 6, 7, and 8 are Honors Courses**

Prerequisite: *Audition*

These courses are for the more advanced choral students that is audition-only. They are performance oriented with solo and ensemble opportunities available. Along with the music, there is an extensive study in sight-reading music. Students are required to participate in all concerts and choral competitions.

Grade	Fall	Spring
9th	Chorus 1 (Concert) 354100CW	Chorus 2 (Concert) 354200CW
10th	Chorus 3 (Concert) 354300CW	Chorus 4 (Concert) 354400CW
11th	Chorus 5 (Concert) 354500HW	Chorus 6 (Concert) 354600HW
12th	Chorus 7 (Concert) 35A000HW	Chorus 8 (Concert) 35A100HW

Treble Choir 1 and 2 **459937CW, 459938CW**

Grades: 9, 10, 11, 12

Prerequisite: Audition with choral director at school site prior to course paperwork.

Treble choir is by audition only and is open to treble singers who demonstrate advanced vocal and music reading skills. Students will learn advanced vocal techniques, music fundamentals, and choral musicianship skills. The choir will perform at school concerts, festivals, and contests. This course emphasizes the enjoyment of singing, exposure to the many styles of choral music, and development of the interpersonal and musical skills necessary for excellent choral performance, including sight-singing and vocal independence. Treble Choir focuses on a diverse repertoire written for treble voices.

AP Music Theory **357600AW**

Grades: 10, 11, 12

Prerequisite: Basic Performance skills along with music reading skills are expected but not required

AP Music Theory is designed to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score.

ARTS AND HUMANITIES ELECTIVES: Performing Arts (cont.)

Theatre 1 - CP **452100CW**

Grades: 9, 10, 11, 12

This course introduces the fundamentals of theatre, combining traditional acting with technical theatre. Students will learn improvisation, pantomime, voice and diction, acting, and production. Daily class participation is a requirement for success in this course.

Theatre 2 - CP **452200CW**

Grades: 10, 11, 12

Prerequisite: Theatre 1 and teacher recommendation

This class is for the more advanced drama student. For the student who plans to major or minor in drama, this course will provide specialized instruction. Emphasis will be placed on acting and the technical aspects of theater, such as lighting, sound, set design, costumes, make-up, etc.

Theatre 3 - Directing and Acting - H **452300HW**

Grades: 11, 12

Prerequisite: C average in Theatre 2

Theatre 3 will provide the student with a more complete experience in drama. Students will be exposed to directing and acting experiences in both stage and film providing the student with a wider range of career options. Participation in school productions will be required.

Theatre 4 - Production - H **452400HW**

Grades: 11, 12

Prerequisite: C average in Theatre 3

This course will enable students to complete a four-year program in drama that will effectively prepare them for a number of careers in the arts. Students will have had exposure to and experience with all aspects regarding production work and basic costume construction.

Musical Theatre - CP **359971CW**

Grades: *10, 11, 12*

Prerequisite: *Theatre 1 or Audition/Instructor Approval*

Musical Theatre Performance and Technique is an in-depth study of musical theatre focusing on developing the specific skills needed for musical theatre performers. This course will cover all essential aspects of musical theatre, from auditioning and building a professional repertoire (book) to choreography, character development, voice, and movement in musical theatre. Students will explore various musical theatre styles, key shows in the genre's history, and directing and stage management roles in musical productions. By the end of the course, students will have developed a well-rounded skill set suitable for auditioning for college programs or community/professional theaters.

Technical Theatre 1, 2, 3, 4 - CP **42500CW, 35L000CW, 35L100CW, 35L200CW**

Grades: 10, 11, 12

Prerequisite: Theatre 1 or Instructor Approved

Technical Theatre is a course that introduces students to the essential elements of technical theatre while providing hands-on experience in real-world applications. Students will explore the design, creation, and execution of technical elements including lighting, sound, set design and construction, properties (props), costuming, and stage management. Through collaborative projects and practical work on school productions, students will develop the skills needed to bring a theatrical production to life behind the scenes. Emphasis will be placed on problem-solving, safety practices, creative design, and technical proficiency, preparing students for future opportunities in theatre production, live entertainment, and related industries.

Dance 1 - CP **450110CW**

Grades: 9, 10, 11, 12

This is the first class in the dance major and no previous dance experience is necessary. Familiar dances such as shag, swing, waltz, as well as unfamiliar dances from other countries will be studied. There is not a performance requirement for this introductory class. Grades will be determined by class participation as well as class projects and tests. Students will be required to dance every day and will be required to dress out as necessary.

Dance 2 - Technique- CP **450200CW**

Grades: 9-12

Prerequisite: Dance 1, Marching Band for PE, or by Audition

This class focuses on technique and students will study ballet, modern, jazz, and tap technique and history. Students will be required to dress out and participate every day. A dance recital a the end of the semester will be required. Dance students are graded on performance, class participation, tests, and projects.

Dance 3 - Choreography - CP **450300CW**

Grades: 9, 10, 11, 12

Prerequisite: Dance 2

Students in this advanced Dance 3 will study ballet, modern, jazz, and technique and history. Students will also study improvisation and choreography. Students will be required to dress out, participate every day, and keep a journal. The focus of this class is for students to learn how to create and perform their own movements. Students will be required to perform in a dance recital at the end of the semester in which their work will be displayed. Dance students are graded on performance, class participation, choreography projects, and tests.

Dance 4 - Performance - CP **450400CW**

Grades: 9, 10, 11, 12

Prerequisite: Recommendation of teacher or audition ONLY.

In this advanced course, students will refine their technical dance skills and deepen their performance experience in preparation for post-secondary dance education. Emphasis will be placed on choreography, performance, and collaboration. Students will be expected to create original works, perform in various settings, and work closely with peers across the Fort Mill School District to explore dance as both an art form and a potential career path.

Dance 5, 6, 7, 8 - Performance Honors 355500HW, 355600HW, 355700HW, 355800HW
Grades: 9, 10, 11, 12
Prerequisite: Previous level of dance
This course is designed to meet the needs of the advanced dancer as a member of a performance ensemble. Emphasis will be on dance techniques and performance skills associated with the routines of this high-level group. Students will explore, choreograph, improvise, critique, and produce movements in the genres of jazz, contemporary, hip-hop, kick, and pom. Enrollment is by audition only. After-school practices and performances are required.

Dual Credit Courses
FMSD offers Dual Credit THEA 170 "Fundamentals of Acting" and Dual Credit THEA 200 "Understanding and Appreciation of Theatre" through University of South Carolina Lancaster. See page 91 for more information.

ARTS AND HUMANITIES ELECTIVES: *Audio-Visual Technology and Communications*

Digital Art and Design courses do not count toward the Fine Arts graduation requirement.

Digital Art and Design 1 **612000CW**

Grades: 9, 10, 11, 12

This is an introductory class to the world of design. This class will apply a student's creativity in producing projects/assignments for the design industry. Students will design logos, brochures, tee shirts, buttons, notepads, vinyl decals, business cards, promotional products, digital compositions, posters, and/or advertisements with a focus on typography, color and the design elements and principles. There will be project-based learning using individual Mac workstations. Software includes Adobe Illustrator, Photoshop, and Canva.

Digital Art and Design 2 **612100CW**

Grades: 10, 11, 12

Prerequisite: Digital Art and Design 1

This class will take students a step further and will focus on client work such as promotional materials for the school, district, and outside stakeholders. Through project-based learning, students will design logos, brochures, tee shirts, promotional products, social media graphics, and publications with a focus on mastering their use of the design elements and principles. Focus will be on client management techniques as well as expanding their skills within software programs such as Adobe Illustrator, Photoshop, and InDesign.

ARTS AND HUMANITIES ELECTIVES: A-V Technology and Comm. (cont.)

Digital Art and Design 3 (Dual Credit) **955600EW & 753500EW**

Grades: 10, 11, 12

Prerequisite: Digital Art and Design 2

Students in this course may earn dual credit courses through York Technical College: ARV 123 Color and Composition, ARV 205 Graphic Illustration

This Dual Credit course is offered through York Technical College and provided in two quarters, each of which earns the student three (3) college credits. This course emphasizes design thinking and problem solving to prepare students for collegiate arts programs or professional employment. Students will be expected to produce high-quality visual solutions while meeting strict deadlines. Evaluations are based on conceptual depth, technical precision and the ability to meet client or assignment requirements. Projects include client work as well as ones designed to encourage the refinement of a student's personal aesthetic, such as brand boards, resumes, concert posters, brochures and digital portfolios. Students will experiment with 3D solutions such as point-of-purchase displays and promotional items and will be exposed to production techniques for large format graphics, signage, apparel, dye sublimation products, window displays, and more. Software includes: Adobe Illustrator, Photoshop and InDesign.

Digital Art and Design 3 (CP) **612200CW**

Grades: 10, 11, 12

Prerequisite: Digital Art and Design 2

In this course, students will continue to hone their design and client management skills, while stretching their abilities to the 3D world by creating point-of-purchase displays and promotional items for retail sale. They will continue to work on public projects for the school and other clients and will be exposed to production techniques – large format graphics, signage, apparel, dye sublimation products, window displays, and more. Software includes: Adobe Illustrator, Photoshop and InDesign.

ARTS AND HUMANITIES ELECTIVES: A-V Technology and Comm. (cont.)

Digital Art and Design 4 (Dual Credit) **952800EW, 453900EW**

Grades: 11, 12
Prerequisite: Digital Art and Design 3 Dual Credit with a recommended grade of 80 or higher and meet dual credit enrollment requirements
Students in this course may earn dual credit courses through York Technical College: ARV 110 Computer Graphics, ARV 212 Digital Photography

This Dual Credit course is offered through York Technical College and provided in two quarters, each of which earns the student three (3) college credits. In this class students will focus on the principles, terminology, techniques, tools and materials of basic digital photography. Photography and Digital Art are the focus of this class, with students learning how to capture images using different photographic methods, including digital SLR cameras, scanners, and film. Students will use their images in projects that communicate an effective message. The core concepts of this class give students an introduction to a career in photography, advertising, digital art, retouching and restoration.The software used in this class is the most current version of Adobe Photoshop and Lightroom CC (Creative Cloud). This course includes preparation and certification/testing for Adobe Certified Professional in Photoshop.

Digital Art and Design 4 - CP **612300CW**

Grades: 11, 12
Prerequisite: Digital Art and Design 3
In the final level of Digital Art & Design, students will continue to build technical and client management skills as they work with a mentor in an on-campus opportunity. Students will apply their skills to create products for the school or district (such as banners, signage, logos, promotional products, advertisements, posters, and more.) At the end of the semester, the students will be required to attend and present at the DA&D Senior Show, where they will share work products and reflections from their mentor experience. After this course, students will be prepared to enter the workplace or continue further education at the university level.

ARTS AND HUMANITIES ELECTIVES: A-V Technology and Comm. (cont.)

Digital Art and Design 4 - Honors **612300HW**

Grades: 11, 12

Prerequisite: Digital Art and Design 3 CP or DC

Students will continue to build technical and client management skills as they work with a mentor in a professional setting. Off-campus internships are available to students who have their own transportation, and on-campus opportunities are also available for those without transportation, or with after-school commitments. Goals of this course are to prepare students for life after high school by giving them a taste of the industry experience. Community partners include sign companies, design agencies, corporate settings, print shops, and more. Software includes: Adobe Illustrator, Photoshop and InDesign. At the end of the semester, the students will host a DA&D Senior Show, where they will share work products and reflections from their mentor experience. This course includes preparation and certification/testing for Adobe Certified Professional in Illustrator.

Media Technology (TV) 1, 2 - CP **612400CW, 612500CW**

Grades: 9, 10, 11, 12

These courses include the basic production techniques needed for creating content across various platforms, including film, television, and social media. Through practical studio experience, students will explore camera techniques, sound engineering, lighting, writing, and editing as well as proper handling and use of equipment. These courses are also designed to give students the opportunity for hands-on experience both in front of and behind the camera and all aspects of a production environment. In the advanced courses, students will work together to cooperatively write, produce and present content for the student body and community as well as understand and develop marketing strategies to promote events and activities across all media platforms.

ARTS AND HUMANITIES ELECTIVES: A-V Technology and Comm. (cont.)

Media Technology (TV) 3 - Honors **612600HW**

Grades: 11, 12

Prerequisite: Media Technology 1 & 2

Media Technology 3 is the third course in the Media Technology program. In this course, students continue to explore the general field of communications, focused primarily on media production industries. Students will get hands-on experience in production techniques for audio and video. They will work collaboratively writing, producing, directing, and editing projects using industry-standard software and equipment. Safety is emphasized in this course and students will have the opportunity to acquire an industry-recognized safety certification. Students will also learn about related fields such as graphic design, broadcast journalism, animation, sound design and engineering, special effects, online media development, marketing, and corporate communications.

Media Technology (TV) 4 – (Honors or Dual Credit) **612705HW / 757400EW & 757500EW**

Grade: 12

Prerequisite: Media Technology 1, 2, 3

This capstone course is designed to provide students an introduction to the executive producer level of live television, filmmaking and videography including development, pre-production, production and post-production. The course covers higher level critical and problem-solving skills with an emphasis in digital production, managing a production team, delegating staff responsibilities, directing, post production and product marketing as well as creating a digital portfolio for college submission. Student will write, produce, direct, shoot and edit their own packages, oversee underclassmen packages and will be required to work with at least one outside client to produce a commercial, PSA or other video project (ex. Fort Mill School District Golf Tournament Video, Dancing with the Stars Promo Video, New District Elementary School line informational video) to client specifications and within client timeline. These works will be screened in a public venue.

ARTS AND HUMANITIES ELECTIVES:
Journalism

Journalism 1 (Introduction to Journalism) - CP **305000CW**

Grades: 9, 10, 11, 12

This course offers students an intensive exploration of the field of newspaper journalism. This study is designed to prepare students for work on the school's newspaper or yearbook. This class involves the study and application of topics such as the history of journalism, journalism law and ethics, newspaper style, and various forms of journalistic writing including the following: news, features, sports, opinion, briefs and reviews. Students also learn the fundamentals of layout and design, photojournalism, advertising and newspaper staff roles. Students may be required to sell ads and obtain patrons as well.

Journalism 2 Newspaper - CP **305101CW**

Grades: 10, 11, 12

Prerequisite: Recommendation of instructor and/or successful completion of Journalism 1

This CP-level course is designed for students who produce the school's newspaper. Students in this class will write journalistic articles in several of the following areas for publication: news, news-features, features, sports, editorials, column reviews and critiques. Students will also be responsible for taking photographs, designing pages, and selling advertisements, as well as using desktop publishing to produce the school's newspaper. Completion of assigned staff roles/duties and some participation after school are computed as part of the student's grade.

ARTS AND HUMANITIES ELECTIVES: Journalism (cont.)

Journalism 2 Yearbook - CP **305102CW**

Grades: 10, 11, 12

Prerequisite: Journalism 1, Application/Interview Process, Recommendation of English teacher

This course offers one unit of credit to students who have completed Journalism 1 and have been approved by the sponsor. This course offers students an intensive exploration of the field of photojournalism. This study is designed to prepare students for work on the school's annual yearbook. This class involves the study and application of photojournalism through various forms of journalistic writing, photography, interviewing, and design including the following: features, sports, student life, academics, clubs and extracurriculars. Students may be required to sell ads and obtain patrons or sponsors as well.

Journalism 3 Newspaper Production **376800CW**

Grades: 11, 12

Prerequisites: Journalism 1, 2

This CP-level course is for those students who as newspaper staff members have demonstrated talent and responsibility in leadership, writing, editing, and layout during Journalism 2. Newspaper Production 3 students will serve as mentors for less-experienced staff members and will be responsible for the entire content and layout of all newspaper editions. These students must be proficient in the use of computer technology as well as in desktop publishing. Completion of assigned staff roles/duties and some participation after school are computed as part of the students' grades. Staff members may be required to sell ads and obtain patrons or sponsors.

Journalism 3 Yearbook Production **376900CW**

Grades: 11, 12

Prerequisites: Journalism 1, 2

Students will learn advanced yearbook layout and design, advertising and staff roles. These students will work with detailed layout and the use of computer technology while overseeing other staff members in producing the yearbook. Students may be required to sell ads and obtain patrons as well. These students have increased responsibility in managing spreads, design and layout, photo editing, story and caption editing, and overall production. These students are entrusted with access to all pages, sales, and ads.

ARTS AND HUMANITIES ELECTIVES: Journalism (cont.)

Journalism Editor 4, 5, 6, 7 - Yearbook or Newspaper 309931CW-309936CW

Grades: 11, 12

Prerequisites: Introduction to Journalism, Journalism 2 Newspaper or Yearbook, and Newspaper or Yearbook Production

These CP-level courses are limited to those students who are interested in pursuing a career in the field of journalism and have demonstrated leadership, talent, and responsibility in previous courses. Journalism Editor 5,6, and 7 students will continue in their role as mentors for all staff members and be responsible for overseeing the entire operation of producing the school's newspaper or yearbook. These students must be able to lead staff meetings and help less-experienced staff members write and edit articles and design pages. Completion of assigned staff roles/duties and some participation after school are computed as part of the students' grades.

Creative Writing 1 & 2 - CP (.5 credit each over one semester) 303200CH & 309901CH

Grades: 10, 11, 12

Prerequisite: C average or above in English 1 or teacher recommendation

This CP-level course is aimed at developing the evaluative and creative writing talents of students who are interested in learning to write and evaluate poetry, essays, human interest stories, and short stories. Computer word processing skills are reinforced in the computer lab. Students will be involved in helping to produce the school's literary magazine.

Advanced Creative Writing - CP 309900CW

Grades: 10, 11, 12

Prerequisite: Creative Writing 1 and teacher recommendation

This college-preparatory level course furthers the creative writing, publishing and editing skills of selected students who will help produce the school's literary magazine.

ARTS AND HUMANITIES ELECTIVES:
International Studies

French 1 - CP **361100CW**

Grades: 9, 10, 11, 12 *(This level is not recommended for heritage speakers. Heritage speakers will be evaluated for appropriate level placement.)*
This course is designed as an introduction to the French language and the Francophone cultures. Based upon the S.C. Standards for World Language Proficiency, all communicative skills will be emphasized: Interpersonal, Interpretive and Presentational. Students will be engaged daily in a variety of activities that promote critical thinking and will strengthen their ability to read, write, and speak French. Throughout the language-learning process, students will also improve their understanding of other cultures and benefit from comparing the language with their own.

French 2 – CP **361200CW**

Grades: 10, 11, 12
Prerequisite: French 1 and teacher recommendation
This course will build on and reinforce French 1. Based upon the S.C. Standards for World Lang. Proficiency, all communicative skills will continue to be emphasized: Interpersonal, Interpretive and Presentational. Students will continue to be engaged in a variety of activities that promote critical thinking and will strengthen their ability to read, write, and speak French. Throughout the language learning process, students will also continue to improve their understanding of and appreciation for other cultures.

French 3 - CP (NFHS) **361300CW**

Grades: 10, 11, 12
Prerequisite: French 2 and teacher recommendation
French 3 CP is designed for students who do not plan on continuing into French 4 H and 5 H. This course is designed to build on and reinforce French 1 and 2. Based upon the S. C. Standards for World Lang. Proficiency, all communicative skills will continue to be emphasized: Interpersonal, Interpretive and Presentational. Students will continue to be engaged in a variety of activities that promote critical thinking and will strengthen their ability to read, write, and speak French. Throughout the language-learning process, students will continue to improve their understanding of and appreciation for other cultures.

French 3 - H **361300HW**

Grades: 11, 12

Prerequisite: French 2 and teacher recommendation

This course expands on previously studied themes from French 1 and 2. Based upon the S. C. Standards for World Lang. Proficiency, all communicative skills will continue to be emphasized: Interpersonal, Interpretive and Presentational. Students will continue to be engaged in a variety of activities that promote critical thinking and will strengthen their ability to read, write, and speak French. Throughout the language-learning process, students will continue to improve their understanding of and appreciation for other cultures.

French 4 - H **361400HW**

Grades: 11, 12

Prerequisite: French 3 H and teacher recommendation

This course is designed to build on and reinforce French 1, 2, and 3. Based upon the S. C. Standards for World Lang. Proficiency, all communicative skills will continue to be emphasized: Interpersonal, Interpretive and Presentational. Students will continue to be engaged daily in a variety of activities that promote critical thinking and will strengthen their ability to read, write, and speak French. Throughout the

French - AP **367100AW**

Grades: 11, 12

Prerequisite: French 3 H and teacher recommendation

The AP French Language and Culture course takes a holistic approach to language proficiency and recognizes the complex interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness. Students should learn language structures in context and use them to convey meaning. The AP French Language and Culture course strives to promote both fluency and accuracy in language use and not to overemphasize grammatical accuracy at the expense of communication. In order to best facilitate the study of language and culture, the course is taught in the target language. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts.

French 5 - H **361500HW**

Grade: 12

Prerequisite: French 4 H and teacher recommendation

The purpose of this course is to refine skills previously learned and to prepare students for advanced studies in French at the college level. Based upon the S. C. Standards for World Language Proficiency, all communicative skills will continue to be emphasized: Interpersonal, Interpretive and Presentational. Students will continue to be engaged daily in a variety of activities that promote critical thinking and will strengthen their ability to read, write, and speak French. Throughout the language-learning process, students will also continue to improve their understanding of and appreciation for other cultures.

Spanish 1 - CP **365100CW**

Grades: 9, 10, 11, 12 *(This level is not recommended for heritage speakers. Heritage speakers will be evaluated for appropriate level placement.)*

This course is designed as an introduction to the Spanish language and the Hispanic cultures.

Based upon the S. C. Standards for World Language Proficiency, all communicative skills will continue to be emphasized: Interpersonal, Interpretive and Presentational. Students will continue to be engaged daily in a variety of activities that promote critical thinking and will strengthen their ability to read, write, and speak Spanish. Throughout the language-learning process, students will also continue to improve their understanding of and appreciation for other cultures.

Spanish 2 - CP **365200CW**

Grades: 10, 11, 12

Prerequisite: Spanish 1 and teacher recommendation

This course is designed to build on and reinforce Spanish 1. Based upon the S. C. Standards for World Language Proficiency, all communicative skills will continue to be emphasized: Interpersonal, Interpretive and Presentational. Students will continue to be engaged daily in a variety of activities that promote critical thinking and will strengthen their ability to read, write, and speak Spanish. Throughout the language-learning process, students will also continue to improve their understanding of and appreciation for other cultures.

Spanish 3 - CP (NFHS) **365300CW**

Grades: 10, 11, 12 *Prerequisite*: Spanish 2 and teacher recommendation
Spanish 3 CP is designed to build on and reinforce Spanish 1 and 2. Based upon the S. C. Standards for World Language Proficiency, all communicative skills will continue to be emphasized: Interpersonal, Interpretive and Presentational. Students will continue to be engaged in a variety of activities that promote critical thinking and will strengthen their ability to read, write, and speak Spanish. Throughout the language-learning process, students will also continue to improve their understanding of and appreciation for other cultures.

Spanish 3 - H **365300HW**

Grades: 11, 12 *Prerequisite*: Spanish 2 and teacher recommendation.
This course expands on previously studied themes from Spanish 1 and 2. Based upon the S. C. Standards for World Language Proficiency, all communicative skills will continue to be emphasized: Interpersonal, Interpretive and Presentational. Students will continue to be engaged daily in a variety of activities that promote critical thinking and will strengthen their ability to read, write, and speak Spanish. Throughout the language-learning process, students will also continue to improve their understanding of and appreciation for other cultures.

Spanish 4 - H **365400HW**

Grades: 11, 12 *Prerequisite*: Spanish 3 H and teacher recommendation
This course expands on previously studied themes from Spanish 1, 2, and 3. Based upon the S. C. Standards for World Language Proficiency, all communicative skills will continue to be emphasized: Interpersonal, Interpretive and Presentational. Students will continue to be engaged daily in a variety of activities that promote critical thinking and will strengthen their ability to read, write, and speak Spanish. Throughout the language-learning process, students will also continue to improve their understanding of and appreciation for other cultures.

Spanish - AP **367500AW**

Grades: 11, 12 *Prerequisite*: Spanish 3 H and teacher recommendation
AP Spanish Language and Culture is a college-level course for students in the fourth semester of study. The course is conducted in Spanish and students are expected to communicate in Spanish at all times. Students have the opportunity to demonstrate proficiency by engaging in daily activities that require the three modes of communication (Interpersonal, Interpretive, and Presentational). The course is designed around six themes: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, Beauty and Aesthetics. These themes provide a basis for an in-depth study of the Spanish language and its many cultures. Students will use a variety of authentic resources and materials to hone their speaking, listening, reading and writing skills. Students will take the AP Spanish Language and Culture exam at the end of this course.

Dual Credit Courses
FMSD offers multiple Dual Credit World Language Courses through the University of South Carolina Lancaster. See page 91 for more information.

BUSINESS & INFORMATION SYSTEMS:
Business Management and Administration

**Courses noted with an asterisk meet the SC Computer Science graduation requirement.*

***Fundamentals of Web Page Design & Development - CP** **503100CW**

Grades: 10, 11, 12

Prerequisite: Completion of state required Computer Science graduation credit

Want to learn how to build eye-catching websites and beginner mobile applications from the ground up? Students will learn the fundamentals of HTML (Hypertext Markup Language), CSS (Cascading Style Sheets) and JavaScript. Students will plan, design, and implement web pages; enhance web pages using page layout techniques, text formatting, graphics, images, and multimedia; and produce a well-designed, multi-page website.

Entrepreneurship - CP **540000CW**

Grades: 10, 11, 12

Learn how to start and run your very own business. You will develop a foundation of knowledge for

all parts of business planning, operations and management including: advertising, market research, resource management, business policies & procedures, financial management, inventory management, and communication skills. Be the owner of your own virtual store on a computerized simulation where you will learn to: define products and services, design a floor plan, perform market analysis, develop marketing strategies, create advertisements, and identify business goals.

Business Law - CP **504400CW**

Grades: 10, 11, 12

Business Law will help students make smart and informed decisions in the following areas: fundamentals of contracts, property rights, forms of ownership, workplace law, and civil law. Students will review case files and participate in a mock trial.

Virtual Enterprise 1, 2, 3, 4 - CP **515000CW, 515100CW**
Grades: 10, 11, 12 **515200CW, 515300CW**
Prerequisite: One of the following: Accounting 1, Marketing, or Entrepreneurship
Students are transformed into business executives and work in a "real world" corporate setting. In VE, students will: create a service/product to sell to other virtual enterprise programs. Develop a business plan to get start-up money for the business. Interview for positions within the company with actual business leaders. Work in specific departments, such as accounting, administration, human resources, sales, advertising, marketing, and information technology. Conduct market research. Prepare the grand opening of a business and trade fair show. Buy and sell from other virtual enterprises, both nationally and internationally.

BUSINESS & INFORMATION SYSTEMS:
Marketing

Marketing - CP **542100CW**

Grades: 10, 11, 12

What makes people buy a product? How do salespeople talk people into buying stuff? Learn how everything around us is affected by marketing decisions. Specific topics will include: sales strategies, pricing decisions, and marketing research; design choices (graphics, colors, lighting, etc.); promotional strategies (commercials, billboards, sponsorships, etc.); and product choices (packaging, store locations, ingredients, etc.). Students gain experience by: making marketing decisions for their own business; writing press releases and creating commercials/advertisements; and developing marketing solutions for “real world” situations/partnerships with local businesses.

Marketing Management - CP **543100CW**

Grades: 10, 11, 12

Prerequisite: Marketing

Be the boss and get to say “You’re hired” or “You’re fired!” Learn about leadership skills to help you climb the corporate ladder; laws protecting employers and employees and labor issues; human resource needs like employee interviews, training, and evaluations; and ethical behavior and the workplace. Students will complete activities such as: management decision making simulations; human resource department scenarios; a personal resume and job interview and job shadow experience.

Sports and Entertainment Management - CP **542600CW**

Grades: 11, 12

Prerequisite: Marketing

Want to be the boss? Love sports? Love movies, TV, or music? Get a job in these areas running the "business" side of things. Students will learn about: managing people and leadership positions in the sports or entertainment industry; finance and legal issues; dealing with management/player changes; box office and group sales; work with school and local businesses on event management projects; and have the chance to job shadow in the industry.

BUSINESS & INFORMATION SYSTEMS:
Accounting/Finance

Accounting 1 and 2 - CP **500100CW, 500500CW**

Grades: 10, 11, 12

Prerequisite: Successful completion of Accounting 1 is the prerequisite for Accounting 2

Accountants are the highly valued backbone of virtually every business entity. Their understanding of the organization's financial health helps business owners and company executives make crucial management decisions. Accounting is the specialized business language system used by accountants to produce the financial information that guides the business decision-making process. In Accounting 1, you will learn how to: classify and interpret financial data; create and analyze financial statements; utilize computerized accounting software; understand business ethics; and learn basic managerial accounting fluency. Accounting 2 expands upon Accounting 1's learning topics and adds these new topics: introductory cost accounting concepts; investment and financial analysis; cash flow analysis; depreciation; inventory controls; and budgeting.

Advanced Personal Finance - CP **513110CW**

Grades: 10, 11, 12

Do you know how to become a millionaire before you turn 30? This course will help you acquire the financial tools necessary to plot your financial pathway. You will learn how to manage and solve common financial problems and make your money work for you. Topics include: savings and budgeting; personal taxes; housing decisions; automobile decisions; educational decisions; loans; insurance needs; investments; and retirement planning.

BUSINESS & INFORMATION SYSTEMS:
Information Technology

**Courses noted with an asterisk meet the SC Computer Science graduation requirement*

***Fundamentals of Computing** **502300CW**

Grades: 9, 10, 11, 12

Fundamentals of Computing is designed to introduce students to the field of computer science through an exploration of engaging and accessible topics. Students will gain a fundamental understanding of the history and operation of computers, programming, and web design. Rather than focusing the entire course on learning particular software tools or programming languages, the course is designed to focus on the conceptual ideas of computing. The goal of Fundamentals of Computing is to develop problem solving and critical thinking skills and help students understand how computing tools are used to solve real-world problems. Students will also be introduced to computing careers and will examine societal and ethical issues of computing.

***Introduction to Computer Programming - CP** **505000CW**

Grades: 9, 10, 11, 12

Prerequisite: State required Computer Science course or C or better in Algebra 1

This is an introductory course in computer programming and application development. Students will learn to design, code, test, and debug computer programs while applying business and mathematical concepts using a programming language such as C++, Java, JavaScript, Python or Visual Basic. Topics include software development methodology, algorithms, data types, control structures, functions, and arrays. Independent problem solving and critical thinking skills are emphasized daily.

***Intermediate Computer Programming - CP** **505100CW**

Grades: 10, 11, 12

Prerequisite: Introduction to Computer Programming or AP Computer Science Principles

This course is designed to teach students advanced programming concepts through the development of computer video games. Concepts to be explored include classes and structures, multimedia programming, advanced arrays, and file structures. Critical thinking and problem-solving skills are reinforced through the continued use of Visual Basic and the C+ programming languages.

***Foundations of Animation Using Adobe Animate CC - CP** **535000CW**

Grades: 10, 11, 12

Prerequisite: Completion of state required Computer Science graduation credit

Do you want to learn how to use Adobe Animate CC to create animated cartoons, web page banner ads, fundamental animated sequences, and animated logos? This course introduces basic 2D animation concepts such as storyboard creation; basic drawing, frame-by-frame animation, tween animation, basic action script, and timeline animation. Want to become Adobe Certified? Students achieving a passing score on the "Multiplatform Animations Using Adobe Animate CC Certification Exam" earn coveted industry-standard certification while still in high school.

***AP Computer Science Principles** **477500AW**

Grades: 10, 11, 12

Prerequisite: B or above in Algebra 1 or Introduction to Computer Programming

AP Computer Science Principles offers a multidisciplinary approach to teaching 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. AP Computer Science Principles will give students the opportunity to use technology to address real world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

ENGINEERING & INTEGRATED TECHNOLOGIES:
Environmental and Natural Resources

Agricultural Science and Technology - CP **562400CW**

Grades: 9, 10, 11, 12

Agricultural Science and Technology 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 its importance to the welfare of the world. Typical learning activities include hands-on experience with performing basic principles of plant, soil, and animal science; studying and modeling the significance of humankind's interrelationship with soil, water, and air; and participating in FFA activities.

Environmental and Natural Resources Management - CP **562600CW**

Grades: 10, 11, 12

Prerequisite: Agricultural Science and Technology

The Environmental and Natural Resource Management course is designed to be the introductory course for the Environmental and Natural Resources pathway. The course is a combination of subject matter and planned learning experiences on the principles involved in the conservation and/or improvement of natural resources such as air, soil, water, land, forest, and wildlife for economic and recreational purposes. Instruction also emphasizes such factors as the establishment, management, and operation of land for recreational purposes. Typical learning activities include constructing a model watershed; identifying and/or measuring the levels of air, water, noise, and solid waste pollution in a selected site; hands-on experiences with site analysis; evaluation of competing interests; analysis of biological and physical aspects of the environment and environment-related issues including methods of abating and controlling pollution; participating in personal and community leadership development activities; planning and implementing a relevant school-to-work transition experience; and participating in FFA activities.

Engineering & Integrated Technologies: Environmental and Natural Resources (cont.)

Wildlife Science - CP **567400CW**

Grades: 10, 11, 12

Prerequisite: Agricultural Science and Technology and Environmental and Natural Resource

The Wildlife Science course is designed to teach technical knowledge and skills for entry-level positions in the conservation and/or management of wildlife enterprises. Typical instructional activities include hands-on experiences with food plot construction, analyzing aquatic plants and animals, classifying reptiles and amphibians, and raising game birds and/or fish. Participation in personal and community leadership development activities and planning and implementing a relevant supervised agricultural experience are requirements for this course. In addition, participating in Future Farmers of America (FFA) activities and competitions further enhance the coursework.

Outdoor Recreation - CP **560200CW**

Grades: 11, 12

Prerequisite: Agricultural Science, Environmental and Natural Resource Management, Wildlife Science

The Outdoor Recreation course is a combination of subject matter and planned learning experiences on the principles involved in outdoor safety, planning outdoor recreational activities, designing parks and special use areas, and outdoor recreational resources on public lands. Instruction also emphasizes such factors as the establishment, management, and operation of land for recreational purposes.

ENGINEERING & INTEGRATED TECH:
Animal Science

*Note: Animal Science courses are electives and **do not** meet the graduation requirement for "science."*

Agricultural Science and Technology - CP **562400CW**

Grades: 9, 10, 11, 12

The course is designed to provide an introduction and is a prerequisite for all Agriculture classes which follow in the career pathway. The 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. Typical learning activities include hands-on experiences with performing basic principles of plant, soil, and animal science; studying and modeling the significance of humankind's interrelationship with soil, water, and air; and participating in FFA activities.

Small Animal Care - CP **561200CW**

Grades: 10, 11, 12

Prerequisite: Agricultural Science and Technology

Small Animal Care 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 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 Supervised Agricultural Experience (SAE); and opportunities for participating in FFA activities.

Animal Science - CP **560300CW**

Grades: 10, 11, 12

Prerequisite: Agricultural Science and Technology and Small Animal Care

Animal Science provides an overview of the animal science industry, including information on the biological make-up of various species of agricultural livestock. It also provides students with beneficial information on animal behavior before they decide to embark on a career in Animal Science. Animal Science is recommended as a prerequisite for other courses in Animal Science. 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.

Equine Science - CP **567900CW**

Grades: 10-12

Prerequisite: Agricultural Science and Technology and Small Animal Care

Equine Science is a course designed to enhance the understanding of equine care and systems. Students will develop a deeper understanding of career opportunities, industry expectations, knowledge and skills related to the care and maintenance of horses, donkeys, and mules. In addition, students will learn about the various species and breeds of horses, and their body systems.

Introduction to Veterinary Science - H **561301HW**

Grades: 11, 12

Prerequisite: Agricultural Science and Technology, Small Animal Care, Animal Science or Equine Science, and Teacher Recommendation

In this advanced animal science course, students will explore the field of veterinary medicine. 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 work based learning experiences. In addition to a portfolio, honor students will be required to conduct independent research on a selected small and large animal disease, write an extensive research document and present findings in a public venue.

ENGINEERING & INTEGRATED TECH:
Horticulture

Introduction to Horticulture – CP **565000CW**

Grades: 9, 10, 11, 12

Prerequisite: Agriculture Science and Technology CP

The Introduction to Horticulture course is designed to be an introduction to the Horticulture pathway. It is recommended as a prerequisite for all other horticulture courses. 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 and Garden Center Technology – CP **567200CW**

Grades: 10, 11, 12

Prerequisite: – Introduction to Horticulture CP

The course in Nursery, Greenhouse and Garden Center Technology includes organized subject matter and 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.

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.

Agribusiness and Marketing **560000CW**

Grades: 10, 11, 12

Prerequisite: Nursery Greenhouse and Garden Center Technology CP

The course in Agricultural Business Management is designed for the student who plans to seek employment on, manage, or own a farm; or seek employment in an agribusiness field. Students will be involved in learning activities that generally prepare him/her to apply the economic and business principles involved in the organization, operation, and management of the farm, ranch, or agribusiness.

Typical instructional activities include hands-on experiences with applying modern economic and business principles involved in the organization, operation, and management of agricultural businesses including the production and marketing of agricultural products and services; applying computer application models; participating in personal and community leadership development activities; planning and implementing a relevant school-to-work transition experience; and participating in FFA activities.

ENGINEERING & INTEGRATED TECH:
Automotive Technology

Automotive Technology 1 - CP **603000CW**

Grades: 10, 11, 12 *(Preference given to students who have chosen and can complete the Auto Tech major.)*
This course is the first of four semester courses and will provide the foundation for the automotive major. Topics and labs include shop and personal safety as well as environmental concerns. Students will be introduced and trained in the proper use of hand tools, power tools, and lifts. This course will cover a basic introduction to the eight Automotive Service Excellence (ASE) skills which are Electrical and Electronic components, Steering/Suspension and Alignment, Brakes, Engine Performance, Engine Repair, Heating and Air Conditioning, Automatic Transmission and transaxles, and Manual Transmissions and Differentials. Students will work on five district-owned vehicles; change oil, check, balance and change tires as needed; and take apart and reassemble a small engine. This class has a "hands-on" instruction ratio of 70% classroom to 30% hands-on labs. All competencies and components of this course comply with the National Automotive Technician Education Foundation (NATEF), Automotive Service Excellence (ASE), and the standards set forth by the State Department of Education. Safety glasses and proper dress are required in the lab at all times. A student must successfully pass a required safety course before entering the lab area.

Automotive Technology 2, 3 - CP **603100CW, 603200CW**

Grades: 10, 11, 12 *(Preference given to students who have chosen and can complete the Auto Tech major.)*
Prerequisite: C or better in Auto Tech 1 and teacher recommendation
Auto Tech 2 and 3 emphasize the advanced skills necessary in today's automotive field. Problem solving and advanced researching techniques will be used. Students will have the opportunity to work and perfect their skills. Hands-on experiences and classroom content instruction will be used at about a 50/50 ratio. Auto Tech 3 covers brakes, steering/suspension, and electrical. These courses cover the eight Automotive Service Excellence (ASE) skills which are Electrical and Electronic Components, Steering/Suspension and Alignment, Brakes, Engine Performance, Engine Repair, Heating and Air Conditioning, Automatic Transmission and transaxles, and Manual Transmissions and Differentials. All competencies and components of this course comply with the National Automotive Technician Education Foundation (NATEF), Automotive Service Excellence (ASE), and the standards set forth by the State Department of Education. Safety glasses and proper dress are required in the lab at all times.

Automotive Technology 4 Honors (Work-Based Credit) **679000HW**

Grades: 11, 12

Prerequisite: C or better in Auto Tech 2 and 3, and teacher recommendation

Auto Tech 4 is the final course in the Automotive Technology major. This course is primarily work-based and places the student in a shop to work side-by-side with a certified technician. The student will attend their intern establishment each day. Student supplied safety glasses and proper dress are required in the lab at all times. Students will provide their own transportation to the internship site where possible. Alternative options for students without transportation will be determined on an individual basis.

ENGINEERING & INTEGRATED TECH:
Project Lead the Way (PLTW)

**PLTW Principles of Engineering can be used to fulfill the Computer Science graduation requirement.*

Students who pass a PLTW course in this section (except* Engineering Design and Development) *AND meet the cut score determined by PLTW on the final exam will be given Dual Credit weighting for the course.

Project Lead the Way (PLTW) is a series of courses which introduces students to the scope, rigor and discipline of engineering and engineering technology prior to entering college. Introduction at this level will attract more students to engineering and will allow students, while still in high school, to determine if engineering is the career they desire. Students participating in PLTW courses are better prepared for college engineering programs and more likely to be successful thus reducing the attrition rate which currently exceeds 50% nationally in the college level programs.

Introduction to Engineering Design – H **605100HW**

Grades: 9, 10, 11, 12

Introduction to Engineering Design (IED) is an introductory course which develops student problem solving skills with emphasis placed on the development of three-dimensional solid models. Students will work from sketching simple geometric shapes to applying a solid modeling computer software package. They will learn a problem-solving design process and how it is used in industry to manufacture a product. The Computer Aided Design System (CAD) will also be used to analyze and evaluate the product design. The techniques and equipment are state of the art and are currently being used by engineers throughout the United States. Undergraduate credit may be earned through the College of Engineering and Computing at the Rochester Institute of Technology. Specific course requirements must be met.

Engineering & Integrated Technologies: Project Lead The Way (cont.)

***Principles of Engineering - H** **605000HW**

Grades: 9, 10, 11, 12

Prerequisite: Algebra 1 or Intermediate Algebra

Principles of Engineering (PoE) is a foundation course in the PLTW Engineering curriculum. Through problems that engage and challenge, students explore a broad range of engineering topics including mechanisms, energy, the strength of structures and materials, automation and programming. Students will develop skills in design and problem-solving while learning collaboration and presentation. This course applies and concurrently develops secondary level knowledge and skills in mathematics, science and technology. Undergraduate credit may be earned through the College of Engineering and Computing at the Rochester Institute of Technology. Specific course requirements must be met.

Digital Electronics – H **605200HW**

Grades: 10, 11, 12

Prerequisite: Algebra 1 or Intermediate Algebra and Principles of Engineering

Digital Electronics (DE) is a course of study in applied digital logic. Students will be introduced to digital circuits found in video games, watches, calculators, digital cameras, and thousands of other devices. Students will study the application of digital logic and how digital devices are used to control automated equipment. The use of digital circuitry is present in virtually all aspects of our lives and its use is increasing rapidly. Computer simulation software will be used to design and test digital circuitry prior to the actual construction of circuits and devices. Undergraduate credit may be earned through the College of Engineering and Computing at the Rochester Institute of Technology. Specific course requirements must be met.

Computer Integrated Manufacturing – H **605300HW**

Grades: 10, 11, 12

Prerequisite: Any 2 of the 3 foundation PLTW courses (IED, POE, DE)

Computer Integrated Manufacturing (CIM) is a course that applies principles of robotics and automation. The course builds on computer solid modeling skills developed in Introduction to Engineering Design and Design and Drawing for Production. Students use CNC equipment to produce actual models of their three-dimensional designs. Fundamental concepts of robotics used in automated manufacturing and design analysis are included. Undergraduate credit may be earned through the College of Engineering and Computing at the Rochester Institute of Technology. Specific course requirements must be met.

Civil Engineering and Architecture – H **605800HW**

Grades: 10, 11, 12

Prerequisite: Any 2 of the 3 foundation PLTW courses (IED, POE, DE)

Civil Engineering and Architecture (CEA) introduces students to the fundamental design and development aspects of architectural and civil engineering activities. Application and design principles will be used in conjunction with mathematical and scientific knowledge. Computer software programs will provide students with opportunities to design, simulate, and evaluate the construction of buildings and communities. During the planning and design phases, instructional emphasis will be placed on related transportation, water resources, and environmental issues. Undergraduate credit may be earned through the College of Engineering and Computing at the Rochester Institute of Technology. Specific course requirements must be met.

Aerospace Engineering - H **605600HW**

Grades: 10, 11, 12

Prerequisite: Any 2 of the 3 foundation PLTW courses (IED, POE, DE)

Aerospace Engineering (AE) explores the evolution of flight, navigation and control, flight fundamentals, aerospace materials, propulsion, space travel, and orbital mechanics. In addition, this course presents alternative applications for aerospace engineering concepts. Students analyze, design, and build aerospace systems. They apply knowledge gained throughout the course in a final presentation about the future of the industry and their professional goals. This course is designed for 10th, 11th or 12th grade students.

Environmental Sustainability - H **637400HW**

Grades: 10, 11, 12

Prerequisite: Completion of IED or POE

Environmental Sustainability (ES) is an interdisciplinary engineering course in which students investigate and design solutions to solve real-world challenges related to clean and abundant drinking water, food supply enhancement, and renewable energy. This course has the potential to bring together a diverse group of students with interests in biology, chemistry, and/or environmental studies, and it gives students the opportunity to lead their own learning, collaborate, and gain skills needed to communicate their creative solutions. In ES, students also gain insights into the future career opportunities that exist in the areas they are exploring.

Engineering Design and Development - H **605400HW**

Grades: 11, 12

Prerequisite: 3 prior PLTW courses and teacher recommendation

Engineering Design and Development (EDD) is an engineering research course in which students work in teams to research, design and construct a solution to an open-ended engineering problem. Students apply principles developed in the four preceding courses and are guided by a community mentor. They must present progress reports, submit a final written report and defend their solutions to a panel of outside reviewers at the end of the course. This course is considered to be the senior capstone course in the PLTW curriculum.

HEALTH & HUMAN SERVICES:
Cosmetology

The Cosmetology Program is designed to prepare students to qualify and successfully complete all requirements for a South Carolina Cosmetology license. Students receive training that follows the guidelines and regulations established by the South Carolina Labor, Licensing, and Regulation Cosmetology Board. The course of study includes Sanitation and Safety, Professionalism and Salon Management, Sciences of Cosmetology, Professional Hair Care Skills, Professional Nail Care Skills, Professional Skin Care Skills, and Unassigned Specific Needs. Instruction in chemistry, bacteriology, anatomy, and physiology of the face, head, arms, and hands is incorporated by means of theory and practical application on both mannequins and live models.

Students must complete an application to be considered for admission into the cosmetology program. This program requires a significant commitment, and consistent attendance is crucial for both success in the program and meeting licensure requirements.

Completer Requirements: (1000 Cosmetology hours and 540 Academic hours equals 1540 hours required and a minimum of 8 units to be a completer.)

Cosmetology 1 & 2 (2 units each) **615000CD, 615100CD**

Grade: 11

Cosmetology 1 & 2 is a three-hour course (requires 2 blocks) that meets Monday through Friday for both semesters. Class time focuses on studying relevant theory, while lab sessions provide opportunities for practical application, including practice on mannequins and some client services. Students will learn a wide range of skills, including scalp treatments, hair shaping and styling, setting, waving, coloring, and shampooing techniques. Training also covers skin and nail care, such as manicures, pedicures, facials, massages, makeup application, and hair removal. The curriculum incorporates essential knowledge in chemistry, bacteriology, and the anatomy and physiology of the face, head, arms, and hands. This knowledge is applied through both theoretical instruction and hands-on practice on mannequins and fellow students.

Cosmetology 3 & 4 (2 units each) **615200CD, 615300CD**

Grade: 12

Prerequisite: Cosmetology 1 & 2

Cosmetology 3 & 4 is a three-hour course (requires 2 blocks) that meets Monday through Friday for both semesters. Second-year cosmetology students build on the foundational knowledge gained in their first year by applying theory to live models and honing their skills in a mock salon environment. Their curriculum includes advanced topics such as salon planning, management, and desairology (hairdressing for the deceased). Over the two-year program, students must complete 1,500 hours of instruction to meet the requirements set by the South Carolina Board of Cosmetology. The program integrates classroom learning, where students study relevant theoretical subjects, with hands-on lab sessions. In the lab, students practice on mannequins and provide limited client services, ensuring a comprehensive blend of academic and practical training.

HEALTH AND HUMAN SERVICES:
Introduction to Teaching

Child Development 1 – CP **580000CW**

Grades 10, 11, 12

Child Development 1 focuses on growth and development - physical, social, emotional, and cognitive growth and development of children. The course is focused on providing students knowledge and skills essential to quality care, practical guidance strategies and hands on experience working with preschoolers in the pre-school laboratory. Students learn to create environments that promote optimal development and explore factors influencing a child's development from conception through childhood. Students will have numerous opportunities to engage in service and project-based learning throughout the course. Students will also be encouraged to participate in Career Technical Education Student Organizations.

***Pre-school lab on daily rotation

Education and Training Internship – CP **639000CW**

Grades 11, 12

Prerequisites: Child Development 1, ECE 1, "C" average in ECE 2, teacher recommendation

Continuation of work-based learning is provided through local schools and child development centers to provide a strong work-based learning experience. Employability skills are highly referenced and students are provided with guidance to prepare them for their college or career choice.

Teacher Cadet -Dual Credit Experiencing Education **373500EW**

Grade: 12 (for Intro to Teaching Completers) **570500EW**

Prerequisite: Teacher Invitation and State Criteria

This course is taught in conjunction with Winthrop University and will give students the opportunity to earn three credit hours from the University (EDUC 175). Teacher Cadet is designed for students interested in learning more about education. The course includes activities, projects and observations, planning and teaching lessons. A field experience is an integral part of the course.

HEALTH AND HUMAN SERVICES ELECTIVES:
Early Childhood Education & Introduction to Teaching Continued

Teacher Cadet – Dual Credit Educational Psychology **881700EW**

Grade: 12 (for ECE Completers) **639100EW**

Prerequisite: Teacher Cadet Dual Credit Experiencing Education

This course focuses on the dynamics of human learning and the psychological principles that serve as the foundation for educational practice. The general goal is to introduce students to the field of educational psychology and apply the concepts, theoretical principles, and research findings from the discipline of psychology to the classroom. Major emphasis is placed on assisting students in gaining a functional knowledge of the ideas explored.

Introduction to Teaching 1 **570300CW**

Grade: 10, 11, 12

Prerequisite: Child Development 1

Introduction to Teaching 1 is designed to prepare students for careers in the education field. This course will examine careers in early childhood, elementary, secondary, and postsecondary education. Students will explore the foundations of education, brain development, teaching strategies, classroom management, and instructional planning and assessment. Integration of technology, professionalism, and soft skills are also integrated throughout the course work. The elements of the course will offer opportunities for students to experience work-based learning. Students will be encouraged to participate in Career Technical Education Student Organizations.

***Job shadow/observations (4-CDC, elementary, middle, high school)

Introduction to Teaching 2 **570400CW**

Grade: 11, 12

Prerequisites: Child Development 1 and Introduction to Teaching 1

Introduction to Teaching 2 is an advanced level course that builds on skills developed in Introduction to Teaching Level 1. Students develop a higher level of proficiency through authentic learning experiences. Students plan engaging lessons, enhance communication and presentation skills, explore school-societal relationships, and demonstrate professionalism. There is an extended learning experience where the student will go into schools and work with a mentor teacher. Professional dress is required. Students will be encouraged to participate in Career Technical Education Student Organizations.

***Student placement for 1 week at a site based on their 1st or 2nd desired interest focus.

HEALTH AND HUMAN SERVICES:
Health Science

Note: Health Science courses are electives and do not meet the graduation requirement for "science."

Health Science 1 – CP **555001CW**

Grades: 9, 10, 11, 12

Health Science 1 is the first of four courses offered to students interested in pursuing a career in the healthcare field. In this first course students are provided an overview of healthcare history, cultural diversity, medical terminology, medical math, infection control, basics of the organization of healthcare facilities, and personal health and lifestyle choices. A major focus is placed on introduction to health careers, professionalism and employability skills. Students achieve an understanding of where healthcare has been, where it is going and how professionalism and personal characteristics impact their success. As students are guided through healthcare career exploration, they will discuss education levels, and requirements needed to be successful. Students will participate in a career project, and will learn from guest speakers in the healthcare field. The skills and knowledge that students learn in Health Science 1 serve to prepare them for future clinical experiences as they advance through the Health Science courses**.**

Health Science 2 – CP **555102CW**

Grades: 10, 11, 12

Prerequisite: Health Science 1 and Teacher Recommendation.

Health Science 2 applies the knowledge and skills that were learned in Health Science 1 while further challenging the students to learn more about the healthcare field. Health Science 2 will continue teaching, in more detail, the units of study that include advanced study of infection control. Students in Health Science 2 will learn how to take vital signs, record them and learn what the data means. This course will introduce students to basic patient care skills. Students will have the opportunity to become certified in First Aid and CPR which is a requirement for Health Science 4 (H). Career pathways and scenarios are introduced through each section.

Health Science 3 - H **555203HW**

Grades: 11, 12
Prerequisite: C average in Health Science 2 and Teacher Recommendation
Health Science 3 focuses on basic anatomy and physiology of the human body. Students learn how the human body is structured and the function of each of the 12 body systems. Students will study the relationship that body systems have with disease from the healthcare point of view. Students will learn through projects and activities in the classroom. Students are recommended to be First Aid and CPR certified prior to this course. Medical terminology is incorporated into each unit of study.

C average in Health Science 3 and teacher recommendation is required before advancing to Health Science 4H.

Health Science 4 - Clinical Studies - H
556004HW

Grade: 12
Prerequisite: C average in Health Science 3 required and teacher recommendation

Health Science Clinical Studies (H) is a course that guides students to make connections from the classroom to the healthcare industry through clinical experiences/activities. This course is designed to provide for further development and application of knowledge and skills common to a wide variety of healthcare professions. The students in this course will build on all information and skills presented in the previous required course foundation standards. The students will relay these skills into real life experiences. Students must demonstrate advanced knowledge of anatomy, physiology, and pathophysiology in order to be successful in this course.

Students will have the option of focusing on one of two tracks:

1. Pharmacology for Medical Careers (Pharmacy Technician Training Program): This is a program designed to inform senior level students about pharmacology in the medical field and to train future pharmacy technicians for success in this career. At the high school level, students are exposed to pharmacy careers and benefit from pharmacology, math, and science standards included in this course. Students must be a three-unit completer in Health Science to enroll in this course. Students may choose the clinical

rotation OR the pharmacology option for field experiences. There may be a cost associated with the pharmacology option.

2. SC Certified Nurse Aide (CNA) Program: The students will relate skills into real-life experiences to become SC Certified Nurse Aide. This is a program designed to inform senior level students and train future CNA's for success in this career. At the high school level, students are prepared to perform nursing-related services to patients and residents in hospitals or long-term care facilities. For nurse -aide programs, students will review all foundation standards in the clinical study program as well as the addition of the South Carolina Nurse Aide Curriculum. Students must be a three-unit completer in Health Science to enroll in this course. This course includes 20 hours of documented skill practicum and 40 hours of clinical experience in a long-term care (LTC) facility.

HEALTH AND HUMAN SERVICES:
Sports Medicine

Sports Medicine 1 - CP **555501CW**

Grades: 9, 10, 11, 12

This course is a basic introduction to sports medicine. Topics covered are first aid, emergency procedures, prevention of athletic injuries, basic sports nutrition, anatomy, recognition of injuries, organizational skills, and careers in sports medicine.

Sports Medicine 2 - CP **555602CW**

Grades: 10, 11, 12

Prerequisite: Sports Medicine 1 and Teacher Recommendation

This course will take an in-depth look at the prevention, recognition, and treatment of athletic injuries including modalities. Human anatomy, kinesiology, exercise physiology, taping skills, sports nutrition, and rehabilitation techniques concerned with athletic injuries will be studied.

Sports Medicine 3 - CP **555703CW**

Grades: 11, 12

Prerequisite: C average in Sports Medicine 2 and teacher recommendation

Sports Medicine 3 is required for the Sports Medicine major along with a fourth course such as Health Science 1, Health Science 3, or Biomedical Science. Students will evaluate injuries, the body's response to injury and purposes and practices in rehabilitation. They will participate in an internship with a medical related professional. Students will be able to earn certifications in CPR and First Aid.

HEALTH AND HUMAN SERVICES:
Biomedical Science (PLTW)

Note: Biomed. Science courses are electives and do not meet the graduation requirement for "science."

Students who pass a Biomed PLTW course (except Biomedical Innovation) AND meet the cut score determined by PLTW on the final exam will be given Dual Credit weighting for the course.

Principles of Biomedical Science –
CP or possible Dual Credit weighting for GPA **558000CW**

Grades: 9, 10, 11, 12

This course provides an introduction into the concepts of biological and medical concepts and career opportunities. Students begin the course by investigating the death of a fictional character. They examine autopsy reports, analyze trace evidence, investigate medical history and explore medical treatments that might have prolonged the person's life. Students then investigate outbreaks and emergencies, learning about patient care, resource planning and crisis communication through participating in various roles in mock crisis scenarios. Students also explore medical innovations aimed at improving patient quality of care. This hands-on course allows students to develop concept knowledge and transportable life/career skills.

Human Body Systems (Biomed. Science 2) –
CP or possible Dual Credit weighting for GPA **558100CW**

Grades: 10, 11, 12

Prerequisite: Principles of Biomedical Science

In this challenging hands-on course, students work through interesting real world cases and often play the role of biomedical professionals to solve medical mysteries. Students engage in the study of the processes, structures, and interactions of the human body systems. Important concepts in the course include: communication, transport of substances, locomotion, metabolic processes, defense, and protection. The central theme is how the body systems work together to maintain homeostasis and good health. The systems are studied as "parts of the whole," working together to keep the amazing human machine functioning at an optimal level. Students will design experiments, investigate the structures and functions of body systems, and use data acquisition software to monitor body functions.

Medical Intervention (Biomed. Science 3) –
CP or possible Dual Credit weighting for GPA **558200CW**

Grades: 10, 11, 12 *Prerequisite*: Principles of Biomedical Science and Human Body Systems
Throughout the Medical Intervention course, student projects investigate various medical interventions that extend and improve quality of life, including gene therapy, pharmacology, surgery, prosthetics, rehabilitation, and supportive care. The course explores the design and development of various medical interventions, including vascular stents, cochlear implants, and prosthetic limbs. In addition, students review the history of organ transplants and gene therapy, and stay updated on cutting-edge developments via current scientific literature.

Biomedical Innovation (Biomedical Science 4) - H **558300HW**

Grades: 10, 11, 12
Prerequisite: Medical Intervention and Teacher Recommendation
In this capstone course, students apply their knowledge and skills to answer questions or to solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. They have the opportunity to work on an independent project and may consult with a mentor or advisor from a university, hospital, physician's office, or industry. Throughout the courses, students are expected to present the results of their work to an adult audience, which may include representatives from the local business or healthcare community.

HEALTH AND HUMAN SERVICES:
Culinary Arts

Foods and Nutrition - CP **582400CW**

Grades: 9, 10, 11, 12

Are you aware of what foods to eat to maintain a healthy lifestyle? Can you select and prepare healthy foods? If not, this is the course for you! Food and Nutrition 1 will allow students to evaluate food choices, practice a variety of food preparation techniques, demonstrate table service and etiquette, and explore nutrition related careers. Critical thinking and practical problem-solving are emphasized in a co-curricular approach that incorporates principles of mathematics, science, writing, communications, and economics. The ServSafe® employee certification provides increased marketability. Inclusion of the Family and Consumer Sciences student organization, Family Careers, and Community Leaders of America (FCCLA), greatly enhances this curriculum.

Foods & Nutrition 2 – CP **582500CW**

Grades: 10, 11, 12

Prerequisite: Foods and Nutrition

This course is designed to focus on principles of nutrition, purchasing and preparation, consumerism, and career options related to food. The study and application of nutrition, sanitation, food sciences and technology in this course provides students with laboratory-based experiences that will strengthen critical thinking and practical problem-solving concepts and standards outlined in mathematics, science, writing, communications and economics. FCCLA may be an integral part of this course

Nutrition & Wellness – H **575900HW**

Grades: 11, 12

Prerequisite: Foods and Nutrition 2

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. ServSafe® Food Handlers and (PrePAC) Nutrition Food and Wellness certifications provide increased marketability.

Culinary Arts Management 1 – CP **572000CW**

Grades: *10, 11, 12*

Prerequisite: Foods and Nutrition

This course emphasizes skills in the following areas: cuisines, culinary basics, culinary mathematics, dining room operations, food production techniques, food service management, menus nutrition, professionalism, recipes, safety and sanitation, and sustainability. Integration of the Family and Consumer Sciences co-curricular student organization, Family Careers, and Community Leaders of America (FCCLA) and SkillsUSA, greatly enhances the learning experience. Employment opportunities and qualifications are explored as well as industry certifications. **Closed-toed shoes and chef's jacket and hat are required**.

Culinary Arts Management 2 – CP **572100CW**

Grades: *10, 11, 12*

Prerequisites: Culinary Arts Management 1

This course applies and expands upon the skills learned in Culinary Arts 1. Students will gain valuable experiences in the following: cuisines, culinary basics, culinary mathematics, dining room operations, food production techniques, food service management, menus, nutrition, professionalism, recipes, safety and sanitation, and sustainability. Integration of the Family and Consumer Sciences co-curricular student organization, (FCCLA), greatly enhances the learning experience. Students are strongly encouraged to achieve appropriate workplace certification. **Closed-toed shoes and chef's jacket and hat are required.**

Baking and Pastry **572300CW**

Grades: *10, 11, 12*

Prerequisites: *Culinary Arts Management 2*

Introduction to Baking and Pastry will focus on science-based, hands-on knowledge of basic pastry and bakeshop production techniques. Major areas of study include commercial yeast, wild yeast, chemically leavened breads, laminated doughs, individual pastries, plated desserts, and include custards and creams; such as crème brulee, ice cream, and buttercream. Production and decoration of celebration cakes will be covered. The focus of the course will be development of skills and work habits that will make studies useful for entry-level workers in a bakery or pastry facility.

HEALTH AND HUMAN SERVICES:
Law and Legal Services

Law Related Education - CP **333600CW**

Grades: 10, 11, 12

This is a course in general law. Law Related education involves teaching students about the rights and responsibilities of citizenship. It provides students with active learning opportunities that foster their understanding of the role of law in a democratic society. Students learn about laws and the legal system and how it affects their lives.

Mock Trial - CP **339920CW**

Grades: 10, 11, 12

The Mock Trial course includes an introduction to legal argument, organization, preparation, and oral presentation of arguments such as opening and closing statements, direct questions, and cross examinations. Classes will include substantive lectures, student performances of assigned problems, written assignments, and demonstrations of trial skills. Some independent research will be necessary. Projects will involve both individual and group assignments.

Business Law - CP **504400CW**

Grades: 10, 11, 12

Business Law will help students make smart and informed decisions in the following areas: Fundamentals of Contracts, Property Rights, Forms of Ownership, Workplace Law and Civil Law.

Students will review case files and participate in a mock trial.

Public Speaking - CP **304000CW**

Grades: 9, 10, 11, 12

This college preparatory course is designed to introduce students to the foundations of proper communication. Selected units may include interpersonal skills, debate, discussion, interviewing, broadcasting, oral interpretation, and parliamentary procedure. Students will prepare and perform formal and informal speeches.

HEALTH AND HUMAN SERVICES:
Physical Education

1 credit of PE, JROTC or Band with Physical Education is required for graduation

Physical Education - CP **344100CW**

Grade: 9

This course is designed to give students an opportunity to learn elements of health and fitness through a comprehensive Physical Education program in accordance with the South Carolina Department of Education Standards for Physical Education. Students will be empowered to make choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime. Units of instruction include introduction to physical fitness, individual and team activities, social and emotional fitness well-being, and basic elements and understanding of activities, such as: aerobics, badminton, baseball, basketball, flag football, recreational games, social dance, softball, tennis, track and field, ultimate Frisbee, and wrestling. In accordance with South Carolina State Department of Education standards, all students will also participate and complete the FitnessGram testing program.

There is a daily emphasis on physical exercise and the student is required to dress in PE uniforms.

Physical Education 2 – CP (Physical Conditioning) **344200CW**

Grades: 10, 11, 12

This course is designed as an introductory fitness and exercise class. It is intended to aid students in making important decisions about their personal exercise program and in developing a healthy lifestyle. The course includes a vigorous weight lifting component and instruction in muscle groups and cardiovascular fitness. Finding the student's target fitness zone and working to achieve an optimum fitness level is emphasized.

Physical Education 3 - CP **344300CW**

Grades: 10, 11, 12

Prerequisite: Previous level of physical education

This course is a continuation of Physical Conditioning 1. Extensive lab work is required.

Physical Education 4, 5, 6, 7, 8

349904CW, 349905CW, 349906CW, 349907CW, 349908CW

Grades: 10, 11, 12
Prerequisite: Previous level of physical education
These courses are a continuation of Physical Conditioning. Extensive lab work is required.

Unified Physical Education **349920CW**

Grades: *9, 10, 11, 12*
Prerequisites: *From Special Olympics Unified PE Resource Guide*
This course combines students of all abilities to participate in developmentally appropriate activities including lifetime activities, physical fitness, and Special Olympics Unified Sports. Students will work together to increase competence and confidence in a variety of physical activities. Through ongoing leadership opportunities, members of this course will be empowered to help create a more inclusive and accepting environment for all students.

HEALTH AND HUMAN SERVICES:
Marine Corps and Navy JROTC Leadership Education

Leadership Education is based upon the tenants of leadership: to teach and develop a sense of citizenship, responsibility, discipline and character. Throughout the program, the Leadership Education curriculum is presented by way of five different categories of instruction. Those categories are: 1) Leadership, 2) Citizenship, 3) Personal Growth and Responsibility, 4) Public Service and Career Exploration, and 5) General Military Subjects. The curriculum reflects two fundamental aspects: Leadership Studies which teach leadership and citizenship; and the Leadership Labs which allow the student to apply that knowledge.

There is no mandatory military commitment for students in this program.

Grade	Fall	Spring
9	Marine or Navy JROTC 1 **375104CW (USMC) 375105CW (Navy)**	Military Science 1 **658504CW (USMC) 658505CW (Navy)**
10	Marine or Navy JROTC 2 **375204CW (USMC) 375205CW (Navy)**	Military Science 2 **658604CW (USMC) 658605CW (Navy)**
11	Marine or Navy JROTC 3 **375304CW (USMC) 375305CW (Navy)**	Military Science 3 **658704CW (USMC) 658705CW (Navy)**
12	Marine or Navy JROTC 4 Honors **375404HW (USMC) 375405HW (Navy)**	Military Science 4 Honors **658804HW (USMC) 658805HW (Navy)**

Marine (FMHS & NFHS) or Navy (CRHS) JROTC 1, 2 CP

Grades: 9, 10, 11, 12

The first unit of the Leadership Education program provides an introduction to both leadership and citizenship. It also exposes new cadets to personal growth and responsibility and establishes a foundation in military structure and tradition. Additionally, cadets participate in a healthy physical education program and are first exposed to the teamwork required in organized drill. This course will serve as the student's graduation requirement for physical education (JROTC 1). JROTC students must still earn a .5 Personal Finance credit to meet the graduation requirements.

HEALTH AND HUMAN SERVICES: Marine Corps & Navy JROTC Leadership Education (cont.)

Marine (FMHS & NFHS) or Navy (CRHS) JROTC 3CP, 4H

Grades: 9, 10, 11, 12

Prerequisite: Previous JROTC courses and approval from the Senior Instructor

Leadership Education II continues the leadership and citizenship classes of JROTC 1 and 2. During this course students receive instruction in General Military Subjects with more structure and tradition than in previous classes. Cadets also receive an introduction to the exciting sport of marksmanship, and orienteering training with map and compass. This unit also provides additional learning experiences in personal growth and responsibility, as well as citizenship.

Military Science 1-3CP, 4H

Grades: 9, 10, 11, 12

Prerequisite: Previous JROTC courses and approval from the Senior Instructor

In JROTC 5 and 6, cadets resume building upon the subjects they studied in previous JROTC courses, including various career options by beginning to learn more about public service and other possible careers for life after high school. Cadets also learn about job seeking and the interview process as well as receiving instruction in personal finances.

JROTC LEADERSHIP LABS

Leadership Labs are the practical application phase of the textbook leadership learned in the MCJROTC Leadership Education curriculum. This application takes place primarily in the JROTC environment under the guidance of JROTC instructors. Cadets in the Leadership Labs will be assigned leadership tasks/responsibilities within the JROTC unit on a full-time basis as determined by the Senior Marine Instructor. In addition to their leadership duties, cadets also continue to hone their skills by participating in leadership forums with their instructors.

HEALTH AND HUMAN SERVICES: Marine Corps & Navy JROTC Leadership Education (cont.)

Leadership Lab I – CP **379901CW**

Grades: 10, 11, 12

Prerequisite: LE-I, LE-II and approval from the Senior Instructor

Cadets exercise small unit leadership at the cadet squad level. In their leadership responsibilities, LL-I cadets will oversee the daily conduct and accountability of LE-I or LE-II cadets. This includes inspecting the daily appearance of cadets, with special emphasis on uniform days, organizing and leading drill and PT sessions. When LE cadets are under the full supervision of any instruction, LL-I cadets continue their academic studies with self paced courses in communications, basic grammar, driving for life as determined by the Senior Instructor.

Leadership Lab II – CP **379902CW**

Grades: 10, 11, 12

Prerequisite: LL-I and approval from the Senior Instructor

Cadets exercise small unit leadership at the cadet platoon level. In their leadership responsibilities, LL-II cadets oversee the daily conduct and accountability of LL-I cadets. This will include oversight and supervision of subordinate Leadership Lab cadets conducting inspections and other activities with their squads of LE-I or LE-II cadets. Leadership Lab II cadets will organize and lead platoon drill and PT sessions. LL-II cadets will also take responsibility for counseling cadets in their platoon to correct improper performance and reinforce good performance, and recommending evaluation marks/cadet promotions to the SMI. When LE cadets are under the full supervision of an instructor, LL-II cadets will continue their academic studies with self-paced courses in decision making fundamentals, interpersonal skills, and communicating as a leader, as determined by the Senior Instructor.

HEALTH AND HUMAN SERVICES: Marine Corps & Navy JROTC Leadership Education (cont.)

Leadership Lab III – CP **379903CW**

Grades: 11, 12

Prerequisite: LL-II and approval of the Senior Instructor

Cadets will exercise small unit leadership at the cadet company level. In their leadership responsibilities, LL-III cadets will oversee the daily conduct and accountability of the various staff and leadership tasks of the unit. This will include inspecting a cadet platoon, with special emphasis on uniform days. Usually LL-III cadets serve in various staff assignments such as supply, operations, and administration or are Platoon Commanders, Executive Officers, or Cadet Commanding Officers. When LE cadets are under the full supervision of an instructor, LL-III cadets will continue their academic studies with self-paced courses in media awareness, delivering a presentation, brainstorming and promoting creative thinking, as determined by the Senior Instructor.

Leadership Lab IV – CP **379904CW**

Grade: 12

Prerequisite: LL-III and approval of the Senior JROTC Instructor

Cadets entrusted to participate in Leadership Lab IV will primarily serve as mentors for other high school students, in or out of the JROTC program. This is a serious responsibility for a high school student, and approval from the SMI and principal is required. When the student being mentored by the LL-IV cadet is not available, LL-IV cadets will continue their academic studies with self-paced courses in building a project team, leading the successful project team, as determined by the Senior Instructor.

ADDITIONAL COURSES

Student Support Seminar 1-8
379911CW, 379912CW, 379913CW, 379914CW, 379915CW, 379916CW, 379917CW, 379918CW
Grades: 9, 10, 11, 12
Prerequisite: Teacher Recommendation
This course is designed to actively engage students in developing the executive functioning skills essential for academic success across all subject areas. Through direct instruction and guided practice, students learn the following strategies:

- Mastering organizational systems to manage materials and information effectively.
- Cultivating strategic time management for balancing academic demands and personal commitments.
- Empowering students to become effective self-advocates.
- Equipping students with resourceful study skills.

Along with executive skill development, Students will receive targeted academic support in their core content classes The course emphasizes building independence, fostering effective learning habits, and equipping students with tools that enhance classroom performance and prepare them for success in post-secondary settings.

Personal Health and Wellness (.5 credit) 340205CH / Personal Finance (.5 credit) 5141CH
Grades: 9
*Required for graduation (starting with the class of 2027)
Students will learn about health, wellness, and personal finance in these courses in order to design and embrace a healthy lifestyle. This course explores the many connections between physical, emotional, and social wellbeing across every stage of life as well as builds a foundation for financial literacy. The course fulfills the Comprehensive Health Education (including reproductive health education) requirement in addition to the state Personal Finance requirement and is mandatory for graduation.

SAT Improvement - CP **401100CW**
Grades: 11, 12
Prerequisite: Intermediate Algebra or Algebra 1, Geometry. Students must be enrolled in Algebra 2 the next semester.
This course will focus on the Algebra 2 standards while preparing students for success on college entrance exams. Attention is given to thinking skills, vocabulary development, and college study skills.

Teacher Aide (No Credit) **37992500**

Grades: 11, 12

The student helps a teacher on the high school campus with clerical work or any other tasks that the teacher designates.

ESOL Elective

308400CW, 408000, 408100, 408200, 408700, 408800, 408900, 409000 (All end in CW)

Grades: 9, 10, 11, 12

Prerequisite: Teacher Recommendation

An elective credit that examines language development in speaking, reading, and writing through the study of developmentally appropriate fiction and non-fiction selections. The course will focus on developing strategies for reading comprehension, vocabulary, and writing fluency for emerging English speakers with a strong emphasis on oral and written communication skills appropriate for real-world settings.

S.C. High School Credential

The SC High School Credential provides a course of study designed to equip students with the skills, knowledge, and work ethic needed to succeed in today's job market. The uniform, state-recognized SC High School Credential is aligned to a newly created course of study for students with disabilities whose Individualized Education Program (IEP) team determines this course of study is appropriate. The SC High School Credential is not a SC High School Diploma and is not for all students with disabilities.

24 units of coursework aligned with the SC College-and-Career-Ready Standards

COURSES	UNITS
ELA	4
Math	4
Science	2
Social Studies	2
Employability Education	4
PE/Health (or equivalent)	1
Technology	1
Electives	6

-AND-

-Career portfolio that includes a multimedia presentation project

-Work readiness assessment results that show the student is ready for competitive employment

-Work-based learning/training that totals at least **360 hours**

3999110W	Transition to Essentials of English 1	3912100W	Essentials of Science 2
3900100W	Essentials of English 1	3913100W	Essentials of Social Studies 2
3999210W	Transition to Essentials of Math 1	3914100W	Employability Education 2
3901100W	Essentials of Math 1	3920100W	Essentials of English 3
3902100W	Essentials of Science 1	3921100W	Essentials of Math 3
3903100W	Essentials of Social Studies 1	3922100W	Essentials of Science 3
3908100W	Employability Education 1	3928100W	Employability Education 3
3999120W	Transition to Essentials of English 2	3930100W	Essentials of English 4
3910100W	Essentials of English 2	3931100W	Essentials of Math 4
3999220W	Transition to Essentials of Math 2	3938100W	Employability Education 4
3911100W	Essentials of Math 2	39M8100W	Essentials of Technology

District Certificate of Attendance Programs

The Fort Mill School District offers 2 District Certificate of Attendance programs for students, the Occupational Studies Program.

Occupational Studies Program:
-Courses and expectations are aligned to SC Employability Credential.
-Students are unable to meet SC Employability Credential standards and requirements without modifications. Students are typically scheduled with students working towards SC Employability Credential, though curricular modifications are required and documented on the IEP.
-Students may score within 1-2 standard deviations below the mean in adaptive skill areas.
-Students typically take End of Course assessments for Algebra, English 2, and Biology as their state assessment with accommodations; state assessment participation is determined by the IEP team.
-Based on the IEP, students are typically able to meaningfully participate in general education classes for 1-2 blocks per day, without additional paraprofessional support.
-Students take 4 ELA, 4 math, 2 science, and 2 social studies courses with modifications, as well as 4 Employability Education classes and occupational training classes.
-Students demonstrate the ability to work independently to complete academic and/or vocational tasks for more than 30 minutes without a break.
-Upon completion of school, students are typically capable of being competitively employed.

Life Skills Program:
-Students receive instruction in alternate standards aligned to the SC College- and Career-Ready Standards.
-Students meet the participation guidelines for SC Alternate Assessment.
-Students require direct instruction in a small group or individual setting with a lower teacher-pupil ratio.
-Students receive instruction in functional academics, daily living skills, communication skills, social skills, behavioral skills, and/or vocational skills, as determined by their IEP.
-Based on the IEP, students participate in Community-Based Instruction to promote the generalization of skills taught in the special setting classroom/school environment.
-Based on the IEP, students typically participate in general education 1 block per day with staff support and supervision.
-Students require specialized instruction to promote independence in completing work tasks and daily living tasks.
-Upon completion of school, students may be employed with the support of a job coach or attend an Adult Day Program.

Life Skills Courses

Fort Mill School District offers the following courses to students who require skills-based instruction in the areas of functional academic, daily living, and employment skills. Completion of the coursework taken within these curriculums will not lead to students earning credits for a South Carolina High School diploma.

The Life Skills curriculum focuses on daily living, social, vocational, community training, domestic, recreation, and functional academics. Following completion of these courses and upon exiting high school, students will receive a district attendance certificate.

Independent Living Skills 1-8
5919000W, 5929000W, 5939000W, 5949000W, 5959000W, 5969000W, 5979000W, 5989000W
Grades: 9, 10, 11, 12+
This is a course which includes instruction on the ability to self-manage behavior, communicate effectively with others in everyday life, and perform essential daily self-care and self-help skills. Instruction is individualized based on each student's needs but is focused on basic communication, self-management, dressing, toileting, grooming, health and safety.

Life Skills: Functional Academics 1-8
3999010W, 3999020W, 3999030W, 3999040W, 3999050W, 3999060W, 3999070W, 3999080W
Grades: 9, 10, 11, 12+
This is a course which includes instruction on classroom mechanics, routines and expectations, common knowledge, the use of reading, writing, and math skills as it applies to everyday living, as well as the operation of technological devices within the school setting.

Employability Skills 1-8
59E1000W, 59E2000W, 59E3000W, 59E4000W, 59E5000W, 59E6000W, 59E7000W, 59E8000W
Grades: 9, 10, 11, 12+
This is a course which includes instruction that will allow learners to pursue, obtain, and participate in meaningful supported employment skills in a variety of settings. There is a focus on the "soft skills" required for participation in many jobs as well as instruction in communication skills, social skills and interactions, and workplace etiquette. This course may also include instruction on skills such as folding, collating, packaging, cleaning, laundry, as well as restaurant/kitchen skills, warehouse skills, building/construction and gardening.

Occupational Studies

The Occupational Studies curriculum focuses on academic, functional, and employment skills with an emphasis placed on the competencies and skills needed to prepare students for productive and independent living. Following completion of these courses and upon exiting high school, students will receive a district attendance certificate. These courses do not lead to a high school diploma.

Occupational Studies 1, 2, 3, 4, 5, 6, 7, 8

English 4910000W, 4920000W, 4930000W, 4940000W, 4950000W, 4960000W, 4970000W, 4980000W

Math 4911000W, 4921000W, 4931000W, 4941000W, 4951000W, 4961000W, 4971000W, 4981000W

Grades: 9, 10, 11, 12

Occupational Studies courses will focus on skills necessary for daily living and the world of work. Students will acquire functional academic skills that parallel the state standards in English and mathematics with a focus on real-world application. There is a strong focus on developing literacy skills which are needed to gain meaning from a variety of texts and other mediums through analysis and application. Students will study real-world vocabulary necessary for independent living and employment. Students will write for a variety of tasks, purposes, and audiences and communicate effectively with others in both daily living and employment settings. This course focuses on the development of the student's ability to understand and apply mathematics in real-world situations using a variety of mathematical tools and develop real-world problem-solving skills. There is a focus on developing skills related to personal finance and independent living.

Occupational Studies Science 1, 2, 3 4912000W, 4922000W, 4932000W

Grades: 9, 10, 11, 12

Occupational Studies Science is aligned to the SC College- and Career Ready Biology and Physical Science Standards. This course will include instruction in the practices of science and engineering, allowing students to engage in problem solving, decision making, critical thinking, and applied learning. Students enrolled in this course will participate in laboratory exercises with hands-on investigation.

Occupational Studies Social Studies 1, 2, 3 4913000W, 4923000W, 4933300W

Grades: 9, 10, 11, 12

Occupational Studies Social Studies is aligned to the SC College- and Career Ready US History and Constitution, US Government and Economics. This course focuses on local, state, and federal government and the economics as it relates to consumers and producers. Students will apply the information learned in this course to real-world situations. Students will develop an understanding of the US Constitution and their rights and responsibilities.

Career Awareness 1, 2, 3, 4

49C1000W, 49C2000W, 49C3000W, 49C4000W

Grades: 9, 10, 11, 12

Occupational Studies Employment Education is designed for students to explore and research career interests, develop self-determination skills, and develop soft and hard skills necessary to obtain and maintain successful employment in the community. Students in these courses may participate in job shadowing and structured field studies to gain a greater understanding of skills necessary for specific careers.

Career Exploration 1 **49E1000W**

Grades: 9, 10

Students enrolled in this course participate in a simulated work environment. Students explore five career vocational areas: Computer Technology, Construction/Industrial, Processing/Production, Consumer/Service, and Business/Marketing. This course will help students identify careers of interest and work behaviors they need to develop.

Career Exploration 2 **49E2000W**

Grades: 10, 11

Students enrolled in this course participate in school-based internships and school-based enterprises. Students will continue to explore careers through a variety of internships in the school aligned with SC career clusters. Students will develop skills and work behaviors necessary for successful employment through internships and participation in school-based enterprise. Upon completion of the course students should be able to identify a chosen career cluster and career goal.

Career Exploration 3 **49E3000W**

Grades: 11, 12

Students enrolled in this course will participate in a school-based internship or a school-based enterprise focusing on the development of skills and work behaviors specific to their post-secondary career goal.

Career Exploration 4 **49E4000W**

Grades: 11, 12

Students enrolled in this course will generalize skills and work behaviors learned in the classroom to work-sites in the community. Students may participate in vocational training at South Carolina Vocational Rehabilitation or work-based learning experiences in the school/community. Upon completion of this course students will have the skills to enter the workplace.

Dual Credit Courses

Dual credit courses allow students to earn high school and college credit simultaneously. Dual credit courses carry a 1.0 quality point weighting above CP level courses. Students must have a 3.0 GPA in order to meet admission criteria for dual credit courses for our partnering higher education institutions.

If a student meets the prerequisites for the course and enrolls in the program they would take both classes in each cluster in one semester. Students are not able to take only one class within one cluster. As a result, they would earn credit for two college courses (6 college credit hours). They would earn 1 credit for each course on their high school transcript.

The following dual credit courses are in partnership with the University of South Carolina-Lancaster, York Technical College, or Winthrop University. Your child may qualify for S.C. Lottery Tuition Assistance which would cover their tuition. If your child is not eligible for this scholarship there is a fee associated with these courses, payable to the institution. Please consult with prospective colleges to determine if and how they would accept these courses upon enrollment in college. **Students are responsible for the costs of textbooks for these courses.** The Lottery Tuition Assistance does NOT cover the costs of books. **Students will not be eligible for tuition assistance if they are enrolled in two dual credits from two different higher-ed institutions in the same semester or go over 15 credit hours.**

Course name	Partner	Univ. Code	HS Code	Prerequisite	Grade
Cluster 1					
American Criminal Justice System	USCL	CRJU 101	8843CLEW	Successful completion of World Geography and World History (CP or H)	11, 12
Introduction to Sociology	USCL	SOCY 101	3347CLEW	Successful completion of World Geography and World History (CP or H)	11, 12
Cluster 2					
American National Government	USCL	POLI 201	3331CLEW	Successful completion of U.S. History (H or AP)	12
Principles of Microeconomics	USCL	ECON 221	3358CLEW	Successful completion of U.S. History (H or AP)	12
Cluster 3					

Fundamentals of Acting	USCL	THEA 170	4528CLEW	Successful completion of Theater 1,2,3	11, 12
Understanding and Appreciation of Theatre	USCL	THEA 200	4529CLEW	Successful completion of Theater 1,2,3	11, 12
Cluster 4					
Elementary French	USCL	FREN 121	9648CLEW	C or better in French 2 and successful completion of USCL placement exam	11, 12
Basic Proficiency in French	USCL	FREN 122	4642CLEW	C or better in French 2 and successful completion of USCL placement exam	11, 12
Cluster 5					
Reading and Written Expression in French	USCL	FREN 209	4644CLEW	FREN 122 or score of F-5 on USCL placement exam.	11, 12
Oral Communication in French	USCL	FREN 210	96A4CLEW	FREN 122 or score of F-5 on USCL placement exam.	11, 12
Cluster 6					
Elementary Spanish	USCL	SPAN 121	4637CLEW	C or better in Spanish 2 and successful completion of USCL placement exam	11, 12
Basic Proficiency in Spanish	USCL	SPAN 122	4638CLEW	C or better in Spanish 2 and successful completion of USCL placement exam	11, 12
Cluster 7					
Intermediate Spanish 1	USCL	SPAN 209	3660CLEW		
Intermediate Spanish 2 (Conversation Composition)	USCL	SPAN 210	4633CLEW	C or better in SPAN 209	
Cluster 8					
Critical Reading and Composition	USCL	ENGL 101	3015CLEW	Successful completion of English 4	11, 12
Rhetoric and Composition	USCL	ENGL 102	3016CLEW	C or better in ENGL 101 and successful completion of English 4	11, 12
Cluster 9					

Medical Vocabulary & Anatomy	YTech	AHS 104	554200EW	Health Science 1, 2 and 3	11, 12
Responding to Emergencies	YTech	AHS 120	854100EH		11, 12
Cluster 10					
Intro to Financial Accounting	WU	ACCT 280	673000EW	Personal Finance and Accounting 1	11, 12
Cluster 11					
College Algebra	YTech	MATH 110	4133EW	Successful completion of Pre Calculus; 237 or higher on the Accuplacer	12
Probability & Statistics	YTech	MATH120	4143EW	C or better in Math 110 and the prerequisites for College Algebra	12
Cluster 12					
Chemistry & Modern Society		CHEM 105	4236CLEW	Successful completion of Chem 1	11, 12
Forensic Chemistry		CHEM 107	9234CLEW	C or better in CHEM 105 and successful completion of Chem 1	11, 12
Cluster 13					
Teacher Cadet		EDCO 175	373500EW, 570500EW (for ECE Completers)	Teacher Invitation and State Criteria	12
Educational Psychology		EDCO 185	881700EW, 639100EW (for ECE Completers)	Teacher Cadet	12

Dual Enrollment

Dual enrollment courses enable students to get a jump start on college education by earning college credits while still in high school. Dual enrollment students are responsible for tuition, fees, and books. Students may be eligible for the Lottery Tuition Assistance (LTA). Students eligible for LTA must meet the requirements of the articulating college, including taking a minimum of 6 credit hours in any given semester.

Please consult with prospective colleges to determine if and how they would accept these courses upon enrollment in college. **Students are responsible for the costs of textbooks for these courses.** The Lottery Tuition Assistance does NOT cover the costs of books.

Students may enroll in the following programs offered by York Technical College and earn college credits:

Auto Body Repair

Building Construction

Emergency Medical Services - EMS 110

Mechatronics

Welding

Appendix

Grade Point Conversion Chart 140

Scholarship Information.....141

NCAA Clearinghouse Information.....142-145

Individual Graduation Plan Worksheet.....146

Index.....147

Course Index.....148-151

South Carolina Uniform Grading Scale Conversions				
Numerical Average	**Letter Grade**	**College Prep Weighting**	**Honors Weighting**	**AP/IB/Dual Credit Weighting**
100	A	5.000	5.500	6.000
99	A	4.900	5.400	5.900
98	A	4.800	5.300	5.800
97	A	4.700	5.200	5.700
96	A	4.600	5.100	5.600
95	A	4.500	5.000	5.500
94	A	4.400	4.900	5.400
93	A	4.300	4.800	5.300
92	A	4.200	4.700	5.200
91	A	4.100	4.600	5.100
90	A	4.000	4.500	5.000
89	B	3.900	4.400	4.900
88	B	3.800	4.300	4.800
87	B	3.700	4.200	4.700
86	B	3.600	4.100	4.600
85	B	3.500	4.000	4.500
84	B	3.400	3.900	4.400
83	B	3.300	3.800	4.300
82	B	3.200	3.700	4.200
81	B	3.100	3.600	4.100
80	B	3.000	3.500	4.000
79	C	2.900	3.400	3.900
78	C	2.800	3.300	3.800
77	C	2.700	3.200	3.700
76	C	2.600	3.100	3.600
75	C	2.500	3.000	3.500
74	C	2.400	2.900	3.400
73	C	2.300	2.800	3.300
72	C	2.200	2.700	3.200
71	C	2.100	2.600	3.100
70	C	2.000	2.500	3.000
69	D	1.900	2.400	2.900
68	D	1.800	2.300	2.800
67	D	1.700	2.200	2.700
66	D	1.600	2.100	2.600
65	D	1.500	2.000	2.500
64	D	1.400	1.900	2.400
63	D	1.300	1.800	2.300
62	D	1.200	1.700	2.200
61	D	1.100	1.600	2.100
60	D	1.000	1.500	2.000
59	F	0.900	1.400	1.900
58	F	0.800	1.300	1.800
57	F	0.700	1.200	1.700
56	F	0.600	1.100	1.600
55	F	0.500	1.000	1.500
54	F	0.400	0.900	1.400
53	F	0.300	0.800	1.300
52	F	0.200	0.700	1.200
51	F	0.100	0.600	1.100

SC Scholarship and Grant Programs

This brief overview of the State Scholarships and Grants programs is accurate at the time of printing. For more detailed information refer to the SC Commission of Higher Education's website at www.che.sc.gov



Division I Academic Standards

Division I schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements:

NCAA DIVISION I

1. Earn 16 NCAA-approved core-course credits in the following areas:

ENGLISH	MATH (Algebra I or higher)	SCIENCE (Including one year of lab, if offered)	EXTRA (English, math or science)	SOCIAL SCIENCE	OTHER Any area listed to the left or courses listed in additional discipline (world language, comparative religion or philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

2. Complete your 16 NCAA-approved core-course credits in eight academic semesters or four consecutive academic years from the start of ninth grade. If you graduate from high school early, you still must meet core-course requirements.
3. Complete 10 of your 16 NCAA-approved core-course credits, including seven in English, math or science, before the start of your seventh semester. Once you begin your seventh semester, any course needed to meet the 10/7 requirement cannot be replaced or repeated.
4. Earn a minimum 2.3 core-course GPA.
5. Ask your high school counselor to upload your final official transcript with proof of graduation to your Eligibility Center account.



EARLY ACADEMIC QUALIFIER

If you meet specific criteria after six semesters of high school, you may be deemed an early academic qualifier for Division I and may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

QUALIFIER

You may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

ACADEMIC REDSHIRT

You may practice during your first regular academic term and receive an athletics scholarship during your first year of full-time enrollment but may NOT compete during your first year of full-time enrollment. You must pass either eight quarter or nine semester hours to practice in the next term.

NONQUALIFIER

You will not be able to practice, compete or receive an athletics scholarship during your first year of full-time enrollment.

GRADE 9 REGISTER

- If you haven't yet, **register** for a free Profile Page account at **eligibilitycenter.org** for information on NCAA initial-eligibility requirements.
- Use NCAA Research's **interactive map** to help locate NCAA schools you're interested in attending.
- Find your high school's list of NCAA-approved core courses at **eligibilitycenter.org/courselist** to ensure you're taking the right courses, and earn the best grades possible!

GRADE 10 PLAN

- If you're being actively recruited by an NCAA school and have a Profile Page account, **transition** it to the required **certification account**.
- Monitor the **task list** in your NCAA Eligibility Center account for next steps.
- At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.
- If you fall behind academically, ask your high school counselor for help finding **approved courses** you can take.

GRADE 11 STUDY

- Ensure your **sports participation** information is correct in your Eligibility Center account.
- Check with your high school counselor to make sure you're on track to complete the required number of NCAA-approved **core courses** and graduate on time with your class.
- Share your **NCAA ID** with NCAA schools recruiting you so each school can place you on its **institutional request list**.
- At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.

GRADE 12 GRADUATE

- **Request your final amateurism certification** beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your Eligibility Center account at **eligibilitycenter.org**.
- Apply and be accepted to the NCAA school you plan to attend.
- Complete your final NCAA-approved **core courses** as you prepare for graduation.
- After you graduate, ask your high school counselor to upload your final **official transcript** with proof of graduation to your Eligibility Center account.



How to plan your high school courses to meet the 16 core-course requirement:

4 x 4 = 16

9th GRADE	10th GRADE	11th GRADE	12th GRADE
(1) English	(1) English	(1) English	(1) English
(1) Math	(1) Math	(1) Math	(1) Math
(1) Science	(1) Science	(1) Science	(1) Science
(1) Social Science and/or other	(1) Social Science and/or other	(1) Social Science and/or other	(1) Social Science and/or other
4 CORE COURSES	4 CORE COURSES	4 CORE COURSES	4 CORE COURSES

CONTACT THE NCAA ELIGIBILITY CENTER

U.S. and Canada (except Quebec):
877-262-1492 (toll free), Monday-Friday
9 a.m. to 5 p.m. Eastern time
International (including Quebec):
on.ncaa.com/IntlContact

@ncaaec @ncaaec @ncaaec @playcollegesports

NCAA ELIGIBILITY CENTER

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Division II Academic Standards

Division II schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements:

DIVISION II

MAKE IT YOURS

1. Earn 16 NCAA-approved core-course credits in the following areas:

ENGLISH	MATH (Algebra I or higher)	SCIENCE (Including one year of lab, if offered)	EXTRA (English, math or science)	SOCIAL SCIENCE	OTHER Any area listed to the left or courses listed in additional discipline (world language, comparative religion or philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

2. Earn a minimum 2.2 **core-course GPA.**
3. Ask your high school counselor to upload your **final official transcript** with proof of graduation to your Eligibility Center account.

EARLY ACADEMIC QUALIFIER

If you meet **specific criteria** after six semesters of high school, you may be deemed an early academic qualifier for Division II and may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

QUALIFIER

You may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

PARTIAL QUALIFIER

You may practice and receive an athletics scholarship but may NOT compete during your first year of full-time enrollment.



GRADE 9 REGISTER

- If you haven't yet, **register** for a free Profile Page account at **eligibilitycenter.org** for information on NCAA initial-eligibility requirements.
- Use NCAA Research's **interactive map** to help locate NCAA schools you're interested in attending.
- Find your high school's list of NCAA-approved core courses at **eligibilitycenter.org/courselist** to ensure you're taking the right courses, and earn the best grades possible!

GRADE 10 PLAN

- If you're being actively recruited by an NCAA school and have a Profile Page account, **transition** it to the required **certification account**.
- Monitor the **task list** in your NCAA Eligibility Center account for next steps.
- At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.
- If you fall behind academically, ask your high school counselor for help finding **approved courses** you can take.

GRADE 11 STUDY

- Ensure your **sports participation** information is correct in your Eligibility Center account.
- Check with your high school counselor to make sure you're on track to complete the required number of NCAA-approved **core courses**.
- Share your **NCAA ID** with NCAA schools recruiting you so each school can place you on its **institutional request list**.
- At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.

GRADE 12 GRADUATE

- **Request your final amateurism certification** beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your Eligibility Center account at **eligibilitycenter.org**.
- Apply and be accepted to the NCAA school you plan to attend.
- Complete your final NCAA-approved **core courses** as you prepare for graduation.
- After you graduate, ask your high school counselor to upload your final **official transcript** with proof of graduation to your Eligibility Center account.



How to plan your high school courses to meet the 16 core-course requirement:

4 x 4 = 16

9th GRADE	10th GRADE	11th GRADE	12th GRADE
(1) English	(1) English	(1) English	(1) English
(1) Math	(1) Math	(1) Math	(1) Math
(1) Science	(1) Science	(1) Science	(1) Science
(1) Social Science and/or other	(1) Social Science and/or other	(1) Social Science and/or other	(1) Social Science and/or other
4 CORE COURSES	4 CORE COURSES	4 CORE COURSES	4 CORE COURSES

CONTACT THE NCAA ELIGIBILITY CENTER

U.S. and Canada (except Quebec):
877-262-1492 (toll free), Monday-Friday
9 a.m. to 5 p.m. Eastern time
International (including Quebec):
on.ncaa.com/IntlContact

@ncaaec @ncaaec @ncaaec @playcollegesports

NCAA ELIGIBILITY CENTER

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Individual Graduation Plan (IGP) Worksheet

Name: _____ **State ID Number:** _____ **Current Grade:** _____

Academy/School of Study (Optional):

_____

Clusters: _____ **Majors:** _____
Declare Only ❑ Intend to Complete ❑

_____
Declare Only ❑ Intend to Complete ❑

Career Goal: _____

Postsecondary Plans: ❑ Workforce/Apprenticeship ❑ Two-Year College/Technical Training ❑ Four-Year College ❑ Military

	9	10	11	12	College
English* Four Units					
Math* Four Units					
Science* Three Units					
Social Studies* Three Units					
Requirements/Electives					
Requirements/Electives					
Requirements/Electives					
Requirements/Electives					

Required Courses for Major (Four Credits Required)	Complementary Course Work	Extended Learning Opportunity Options Related to Major	Certification(s) (Upon Completion of Major)
❑	❑		
❑	❑		
❑	❑		
❑	❑		

College Credit Codes:

CA -College Credit by Competency Articulation ***EA***-College Credit by Exam Available ***NC***-College Credit through National Certification Available
DE-Dual Enrollment; Check Local Articulation Agreements ***TA***-Statewide University Transfer Agreement

The Individual Graduation Plan should meet high school graduation requirements as well as college entrance requirements.

*Required for graduation

_____ _____ _____ _____
Student Signature Date Parent/Guardian/Representative Signature Date

_____ _____
Counselor Signature Date

The IGP reflects a plan that may be subject to change by the availability and timing of course offerings in each school district.

08/07

Course Index

Course	Course Code	Page
3-D Design 1 /Sculpture - CP	350500CW	66
Accounting 1 - CP	500100CW	92
Accounting 2 - CP	500500CW	92
Aerospace Engineering - H	605600HW	105
Agribusiness and Marketing - CP	560000CW	100
Agricultural Science and Technology - CP	562400CW	97
Algebra 1 - CP	411400CW	41
Algebra 2 with Probability - H	411500HW	43
Algebra 2 with Probability- CP	411500CW	43
Animal Science - CP	560300CW	98
Applications and Modeling - CP	411900CW	42
Art History, AP	357100AW	67
Astronomy - Honors	325100HW	55
Automotive Technology 1 - CP	603000CW	101
Automotive Technology 2 - CP	603100CW	101
Automotive Technology 3 - CP	603200CW	101
Automotive Technology 4 Honors	679000HW	102
Baking and Pastry	572300CW	119
Band (Marching) with P.E. Standards - CP	45A000CW	69
Band 1 - Band PE	45C000CW or 353100CW	69
Band 2 (Wind Symphony 1)	353200CW	69
Band 3	353300CW	69
Band 4 (Wind Symphony 2)	353400CW	69
Band 5	353500HW	69
Band 6 (Wind Symphony 3)	353600HW	69
Band 7	357800HW	69
Band 8 (Wind Symphony 4)	357900HW	69
Biology - Pre-AP Honors/AP	329910HW, 327220AW	52

Biology 1 - CP	322100CW	48
Biology 1 - Honors	322100HW	48
Biology 2 - H	322200HW	52
Biomedical Innovation (Biomedical Science 4) - H	558300HW	117
Business Law - CP	504400CW	89
Calculus - H	413500HW	44
Calculus, AP: AB and BC	417020AW, 417200AW	45
Career Exploration 1-4	49E1000W, 49E2000W, 49E3000W, 49E4000W	133
Ceramics 1 - CP	456100CW	65
Ceramics 2 - CP	456200CW	65
Ceramics 3 - CP	456300CW	65
Chemistry - AP	327300AW	50
Chemistry 1 - CP	323100CW	49
Chemistry 1 - H	323100HW	49
Chemistry 2 - H	323200HW	50
Child Development 1 - CP	580000CW	109
Chorus 1 (Concert)	354100CW	71
Chorus 2 (Concert)	354200CW	71
Chorus 3 (Concert)	354300CW	71
Chorus 4 (Concert)	354400CW	71
Chorus 5 (Concert) - Honors	354500HW	71
Chorus 6 (Concert) - Honors	354600HW	71
Chorus 7 (Concert) - Honors	35A000HW	71
Chorus 8 (Concert) - Honors	35A100HW	71
Civil Engineering and Architecture - H	605800HW	105
Computer Integrated Manufacturing- H	605300HW	105
Computer Programming, Intermediate- CP	505100CW	93
Computer Programming, Intro - CP	505000CW	93
Computer Science Principles, AP	477500AW	94
Cosmetology 1 & 2 (2 units each)	615000CD, 615100CD	107

Cosmetology 3 & 4 (2 units each)	615200CD, 615300CD	108
Creative Writing 1 & 2 - CP	303200CH & 309901CH	83
Creative Writing, Advanced - CP	309900CW	83
Culinary Arts Management 1 - CP	572000CW	119
Culinary Arts Management 2 - CP	572100CW	119
Dance 1 - CP	450110CW	73
Dance 2 - Technique - CP	450200CW	74
Dance 3 - Choreography - CP	450300CW	74
Dance 4 - Performance - CP	450400CW	74
Dance 5 - Performance Honors	355500HW	75
Dance 6 - Performance Honors	355600HW	75
Dance 7 - Performance Honors	355700HW	75
Dance 8 - Performance Honors	355800HW	75
Digital Art and Design 1	612000CW	76
Digital Art and Design 2	612100CW	76
Digital Art and Design 3 - Dual Credit	955600EW & 753500EW	77
Digital Art and Design 3 -CP	612200CW	77
Digital Art and Design 4 - CP	612300CW	78
Digital Art and Design 4 - Dual Credit	952800EW, 453900EW	78
Digital Art and Design 4 - Honors	612300HW	79
Digital Electronics - H	605200HW	104
Drawing 1 - CP	352100CW	64
Drawing 2 - CP	352200CW	64
Earth Science - CP	326500CW	53
Education & Training Internship	639000CW	109
Employability Skills 1-8	59E1000W, 59E2000W, 59E3000W, 59E4000W, 59E5000W, 59E6000W, 59E7000W, 59E8000W	131
Engineering Design and Development - H	605400HW	106
Engineering Design, Intro to- PLTW - H	605100HW	103
English 1 - CP	302402CW	34

English 1 - H	302405HW	34
English 2 - CP	302502CW	35
English 2 - H	302501HW	35
English 3 - CP	302602CW	35
English 3 - H	302601HW	36
English 4 - CP	302702CW	36
English 4 - H	302701HW	36
English Language and Composition, AP	307100AW	37
English Literature and Composition, AP	307000AW	37
Entrepreneurship - CP	540000CW	89
Env. and Natural Resources Management - CP	562600CW	95
Environmental Science - AP	327700AW	53
Environmental Science - CP	326100CW	53
Equine Science CP	567900CW	98
ESOL Elective	308400CW, 408000CW, 408100CW, 408200CW, 408700CW, 408800CW, 408900CW, 409000CW	128
European History, AP	337600AW	57
Film & Fiction - CP	309920CW	39
Foods and Nutrition - CP	582400CW	118
Foods and Nutrition 2 – CP	582500CW	118
Forensic Science - CP	324500CW	54
Foundations of Animation, Adobe Animate CC - CP	535000CW	94
French - AP	367100AW	85
French 1 - CP	361100CW	84
French 2 – CP	361200CW	84
French 3 - CP (NFHS)	361300CW	84
French 3 - H	361300HW	85
French 4 - H	361400HW	85
French 5 - H	361500HW	86
Geometry with Statistics - CP	412200CW	41

Geometry with Statistics - H	412200HW	41
Government/Economics - CP	333000CH and 330800CH	59
Government/Economics - H	333000HH and 330800HH	60
Guitar 1	356700CW	69
Guitar 2	458000CW	70
Guitar 3	458100CW	70
Health Science 1 - CP	555001CW	112
Health Science 2 - CP	555102CW	112
Health Science 3 - H	555203HW	113
Health Science 4 - Clinical Studies - H	556004HW	113
Human Body Sys.-PLTW CP, possible DC weight	558100CW	116
Human Geography - AP	337900AW	56
Human Geography - CP	330700CW	56
Human Geography - H	330700HW	56
Independent Living Skills 1-8	5919000W, 5929000W, 5939000W, 5949000W, 5959000W, 5969000W, 5979000W, 5989000W	131
Journalism 1 (Introduction to Journalism) - CP	305000CW	81
Journalism 2 Newspaper - CP	305101CW	81
Journalism 2 Yearbook - CP	305102CW	82
Journalism 3 Newspaper - CP	376800CW	82
Journalism 3 Yearbook - CP	376900CW	82
Journalism Editor 4, 5, 6, 7 - Yearbook or Newspaper	309931CW-309936CW	83
Law Related Education - CP	333600CW	120
Life Skills: Functional Academics 1-8	3999010W, 3999020W, 3999030W, 3999040W, 3999050W, 3999060W, 3999070W, 3999080W	131
Marine or Navy JROTC 1	375104CW / 375105CW	123
Marine or Navy JROTC 2	375204CW / 375205CW	123
Marine or Navy JROTC 3	375304CW / 375305CW	123
Marine or Navy JROTC 4 - Honors	375404HW / 375405HW	123

Marine or Navy JROTC Leadership Lab 1 - CP	379901CW	125
Marine or Navy JROTC Leadership Lab 2 - CP	379902CW	125
Marine or Navy JROTC Leadership Lab 3 - CP	379903CW	126
Marine or Navy JROTC Leadership Lab 4 - CP	379904CW	126
Marine Science - CP	322500CW	54
Marketing - CP	542100CW	91
Marketing Management - CP	543100CW	91
Media Technology (TV) 1 - CP	612400CW	79
Media Technology (TV) 2 - CP	612500CW	79
Media Technology (TV) 3 - Honors	612600HW	80
Media Technology (TV) 4 – (Honors or Dual Credit)	612705HW / 757400EW & 757500EW	80
Medical Intervention. PLTW - CP, possible DC weight	558200CW	117
Military Science 1 (USMC, Navy)	658504CW / 658505CW	123
Military Science 2 (USMC, Navy)	658604CW / 658605CW	123
Military Science 3 (USMC, Navy)	658704CW / 658705CW	123
Military Science 4 (USMC, Navy)	658804HW / 658805HW	123
Mixed Choir 1, 2, 3, and 4	459931CW, 459932CW, 459933CW, 459935CW	70
Mock Trial - CP	339920CW	62
Model United Nations/Debate – H	339930HW	62
Music Theory AP	357600AW	71
Musical Theatre- CP	359971CW	73
Nursery Greenhouse and Garden Center Tech. – CP	567200CW	99
Nutrition & Wellness	575900HW	118
Occupational Studies 1, 2, 3, 4, 5, 6, 7, 8 (English)	4910000W, 4920000W, 4930000W, 4940000W, 4950000W, 4960000W, 4970000W, 4980000W	132
Occupational Studies 1, 2, 3, 4, 5, 6, 7, 8 (Math)	4911000W, 4921000W, 4931000W, 4941000W, 4951000W, 4961000W, 4971000W, 4981000W	132

Occupational Studies Science 1, 2, 3	4912000W, 4922000W, 4932000W	132
Occupational Studies Social Studies 1, 2, 3	4913000W, 4923000W, 4933300W	132
Outdoor Recreation - CP	560200CW	96
Painting 1 - CP	352500CW	64
Painting 2 - CP	352600CW	65
Personal Finance, Advanced - CP	513110CW	92
Personal Health and Wellness / Personal Finance	340205CH , 5141CH	127
Photography - CP	456600CW	66
Physical Education - CP	344100CW	121
Physical Education 2 - CP	344200CW	121
Physical Education 3 - CP	344300CW	121
Physical Education 4 - CP	349904CW	122
Physical Education 5 - CP	349905CW	122
Physical Education 6 - CP	349906CW	122
Physical Education 7 - CP	349907CW	122
Physical Education 8 - CP	349908CW	122
Physical Science – CP	321101CW	48
Physics - CP	324100CW	51
Physics - H	324100HW	51
Physics 1, AP	328200AW	51
Physics C: Mechanics, AP	327500AW	52
Portfolio Art 4 - H	350420HW	66
Pre-Calculus - CP	413102CW	44
Pre-Calculus - H	413101HW	44
Prin. of Biomedical Science –PLTW CP,possible DC weight	558000CW	116
Principles of Engineering – PLTW - H	605000HW	103
Psychology - AP	437100AW	61
Psychology - CP	334000CW	61
Public Speaking - CP	304000CW	39

Reasoning in Mathematics - CP	411800CW	43
Research, AP	373100AW	38
SAT Improvement - CP	401100CW	127
Seminar, AP	373000AW	37
Small Animal Care - CP	561200CW	97
Sociology - CP	334500CW	61
Spanish - AP	367500AW	88
Spanish 1 - CP	365100CW	86
Spanish 2 - CP	365200CW	86
Spanish 3 - CP (NFHS)	365300CW	87
Spanish 3 - H	365300HW	87
Spanish 4 - H	365400HW	87
Sports and Entertainment Management - CP	542600CW	91
Sports Medicine 1 - CP	555501CW	115
Sports Medicine 2 - CP	555602CW	115
Sports Medicine 3 - CP	555703CW	115
SREB Ready for College Math CP	314600CW	46
Statistics, AP	417100AW	46
Student Support Seminar 1	379911CW	127
Student Support Seminar 2	379912CW	127
Student Support Seminar 3	379913CW	127
Student Support Seminar 4	379914CW	127
Student Support Seminar 5	379915CW	127
Student Support Seminar 6	379916CW	127
Student Support Seminar 7	379917CW	127
Student Support Seminar 8	379918CW	127
Studio Art - AP - 2D Design, Drawing, or 3D Design	357200AW, 357500AW	66
Teacher Aide (No Credit)	37992500	128
Teacher Cadet	373500EW, 570500EW	109
Teaching, Intro 1	570300CW	110
Teaching, Intro 2	570400CW	111

Technical Theatre 1- CP	42500CW	73
Technical Theatre 2 - CP	35L000CW	73
Technical Theatre 3 - CP	35L100CW	73
Technical Theatre 4 - CP	35L200CW	73
The History of Sport	339940CW	62
Theatre 1 - CP	452100CW	72
Theatre 2 - CP	452200CW	72
Theatre 3 - Directing and Acting - H	452300HW	72
Theatre 4 - Production - H	452400HW	72
Transition Reading 1	379940CW	38
Transition Reading 2	379941CW	38
Treble Choir 1	459937CW	71
Treble Choir 2	459938CW	71
U.S Government/Economics and Personal Finance- CP	333000CH and 330800CH	59
U.S. Government/Economics and Personal Finance- H	333000HH and 330800HH	60
U.S. History CP	332001CW	58
U.S. History H	332000HW	58
U.S. History Pre-AP, AP	339910HW, 337220AW	59
Unified Physical Education	349920CW	122
United States Government & Macroeconomics – AP	337300AW, 337400AW	60
Veterinary Science, Intro - H	561301HW	98
Virtual Enterprise 1 - CP	515000CW	90
Virtual Enterprise 2 - CP	515100CW	90
Virtual Enterprise 3 - CP	515200CW	90
Virtual Enterprise 4 - CP	515300CW	90
Web Page Design & Development, Fundamentals - CP	503100CW	89
Wildlife Science - CP	567400CW	96
World History, Modern - CP	330600CW	57
World History, Modern – Honors	330600HW	57
World History: Modern, AP	337700AW	57
Zoology - Honors	—	55