



# Woodmont High School

International Baccalaureate World School

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## Planning Your Education

Your school provides this course curriculum guide as a means of assisting students and parents in planning their high school course of study. Consideration should be given to planning the entire four year program with specific outcomes in mind. Is the student planning on attending a two or four-year college? Is the student planning to enter the military or the work force upon graduation? The successful student will plan based on goals that he and his parents establish upon completion of high school. Therefore, students are encouraged to carefully select courses during the registration process. Your school's guidance counselors and teachers stand ready to assist them. Parents are invited and encouraged to actively participate by assisting their student.

Classes are scheduled based upon student requests. However, due to schedule conflicts and changes in course offerings, the staff cannot guarantee that students will be scheduled for all courses they request. Therefore, it is very important that students list alternatives in case of class conflicts. In addition, be aware that the school builds a master schedule and employs teachers based on students' requests; therefore, schedule changes after the deadline will only be considered on a very limited basis. Students should see their guidance counselor for a list of the schedule change requests that will be honored and the deadline by which these requests must be submitted.

## Online Registration

Online Registration was implemented in 2004. It allows parents and students to request related arts courses for the next school year from home via the Internet. Families who do not have access to the Internet will be given opportunities to use school computers to register online. Parents and students should understand that requesting a related arts course through online registration does not guarantee that the student is placed in the course the next school year. Final placement in a course is dependent upon enrollment, scheduling feasibility, and teacher allocation. Parents without Internet access at home will receive a printed copy of the course curriculum guide by request. The window for students to select related arts courses online is posted by the school on the school's website and in parent newsletters. Schools will provide instructions on accessing the online registration tool.

## State Diploma Requirements

**English** – 4 Units  
**Math** – 4 Units  
**Science** – 3 Units  
**US History** – 1 Unit  
**Economics** – ½ Unit  
**Government** – ½ Unit  
**Other Social Studies** – 1 Unit  
**Physical Education or ROTC** – 1 Unit  
**Computer Science** – 1 Unit  
**Foreign Language or Occupational Specialty** – 1 Unit  
**Electives** – 7 Units

## Unit Requirements for Grade Advancement

**24 Units of Credit are required to obtain a SC High School Diploma.**

### Grade 9

Successful completion of eighth grade

### Grade 10

5 units (must include one unit of English, one unit of mathematics and three other units)

### Grade 11

11 units (must include two units of English, two units of mathematics, one science, and six other units)

### Grade 12

17 units (must include three units of English, three units of mathematics, two units of science, and nine other units)

## IGPs, Career Clusters and Personal Pathways to Success

The South Carolina Education and Economic Development Act (EEDA) requires school districts to develop a curriculum organized around the career cluster system—16 career clusters, schools of study, and majors. In the organization of the district curriculum around the career cluster system, Greenville County Schools divided the 16 career clusters into six schools of study. These six schools of study include School of Arts, Communication and Information Technology; Business, Marketing and Management; Environmental and Agricultural Systems; Health Science; Human Resources and Services; and Industrial Manufacturing and Engineering Systems. Under each school of study a student will find related career clusters. The career clusters are then broken down into academic focus areas (majors) that students may choose based on interests and skills.

Personal Pathways to Success is the name given to this reorganization of the curriculum which is designed to help students take control of planning for their futures. Personal Pathways to Success provides the solid mix of academic and technical skills students need to compete in the global economy. It gives students a reason to achieve in school by connecting success in school with success in life. It maintains South Carolina's core academic requirements while opening up pathways to success for students no matter where they lead – to two-year colleges, four-year colleges or universities, the military, or directly into the workforce. Students, parents, and counselors work together to develop Individual Graduation Plans (IGP) that specify a student's cluster, academic focus (major), post-secondary goals, planned high school activities, and planned out-of-class activities. The Individual Graduation Plan (IGP) is a document that states the student's intentions related to courses that are taken during high school. **The IGP is initiated in the 8th grade with the choice of a cluster area. When the IGP is updated in the 10th grade, the student will select an academic focus (major) within their cluster of choice.** Students will utilize Naviance, a comprehensive college and career readiness tool, to help them align their strengths and interests to their career goals. The courses that are taken are determined by the student's interests. It can be modified over time as interests and skills develop or change. The IGP is like a road map to the future: if the student stays on course, the student will reach the destination – graduation – with all the courses, skills and experience needed to take his education or career to the next level. Each year the student, parents/guardians, and counselors will review and update the plans for the coming year. Switching clusters or majors is okay -- as the high school years progress and the student learns more about his interests and skills there are bound to be changes in choice of coursework.

## Uniform Grading Scale

The following conversion table will be used to determine GPR and rank in class.

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

## College Admission Requirements

Usually college admissions requirements are far beyond the minimum requirements for high school graduation. Students who plan to attend college should consult catalogs of colleges to assure that they are choosing the right courses. Colleges also look at the GPA and class rank as well as College Entrance Exam scores such as the SAT or ACT for admission.

## Guidelines for Courses

State Dept. of Education regulations and Greenville County Schools Board of Trustee policies/rules that relate to high school course offerings offer the following guidance:

- Per State Uniform Grading Policy "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 EOCEP, the EOCEP 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 his or her ninth grade year may retake that course regardless of the grade he or she has earned. A student who retakes a high school credit course from middle school must complete it before the beginning of the

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
0-50	F	0.000	0.000	0.000

\*Credit for a course will be awarded for a grade of 60 or above. A score of 59 or below will result in no credit for that course.

Grade point ratios will be figured uniformly in all schools using the following formula. The formula will yield each student's GPR which can then be ranked from highest to lowest rank in class. Computations will not be rounded to a higher number. All diploma candidates are included in the ranking.

$$\text{GPR} = \frac{\text{sum}([\text{quality points}] \times [\text{units}])}{\text{sum of units attempted}}$$

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 1 after having earned credit for a higher level mathematics course (Geometry, Algebra 2)."

- Courses that include students who are part of a team, club, or organization must be open to all other students who meet the prerequisites and who want to benefit from the content and skills taught.
- Carnegie units are not to be awarded for extracurricular activities or preparation for interscholastic competition such as band competition practice, football practice, cheerleading practice, dance team rehearsals, forensic tournament rehearsal or student council activity.
- Students are not allowed to earn a Carnegie unit for being a teacher's aide with the exception of the science lab assistant and the media center specialist's assistant.
- Schools offering courses in Service Learning and/or other work-based, credit-bearing instructional experiences such as Internship or Cooperatives are to abide by all rules governing those experiences and courses. Students must attend class a minimum of one day per week if they are engaged in their work-based projects outside the school. Insurance forms, attendance logs, and performance evaluation documentation must be on file at the school. Teachers of these courses are required to make site visits and to keep appropriate documentation on each student.
- An honors course must have a published syllabus that verifies rigor that is sufficiently beyond the college prep requirements.
- Honors-level texts and other course materials must be differentiated and more rigorous than those used in the college prep courses.
- **Teacher recommendation** means that a teacher recommends a course as a future path for that student. The appropriate content-area teacher is designated in the prerequisite.
- **Instructor approval** means that the teacher who is actually teaching the course must approve of that student's placement in the course.
- Specific instances demanding an exception to the grade level requirement for a course must be addressed by the appropriate District level Academic Specialist.
- Students and parents who disagree with a recommendation made by a teacher may choose to complete a "Parent Override Request" and set up a conference with the teacher who made the placement. The form is available through the guidance office at the school.
- Students may apply to audit a class. Please note that if a course is audited that the class cannot be retaken for credit. Students may pick up the application and receive more information from their guidance counselor.
- Curriculum Guide Key:
  - ◊ AP – Advanced Placement Level Course
  - ◊ IB – International Baccalaureate Course
  - ◊ CP – College Preparatory Course
  - ◊ H – Honors Level Course
  - ◊ EW – Dual Credit

## Early Dismissal Guidelines

### In accordance with

Section I - Instructional Program

Title: Instructional Arrangements: Scheduling for Instruction

Code :IED

Status: Active

Adopted; June 8, 2004

Last Revised: October 24, 2018

A senior may apply for a flexible schedule (late arrival or early dismissal), if all the following criteria are met:

- The student attends school a minimum of one-half day (4 traditional classes or two block classes);
- The student is on track to graduate;
- The student's principal and parent(s) determine that a flexible schedule is in the best interest of the student's academic success.

The superintendent may waive this policy in exceptional situations. He/she shall promulgate a rule setting forth situations in which such a waiver would be appropriate and specifying the procedure for obtaining a waiver.

## Career Center Program

Greenville County Schools has four career centers which provide the students an opportunity to study and prepare for the career of their choice. Students attend the career center for either a one-year or two-year program in the field of their choice. Programs include, but are not limited to, automotive technology, web design, early childhood education, culinary arts, welding, automotive collision repair, carpentry/building construction, marketing, criminal justice, HVAC, fire management, cosmetology, machine tool and mechatronics. Students attend the career center for either three hours in the morning or three hours in the afternoon after receiving their core academic courses at the home-based high school. Students are also provided the opportunity to gain practical work experience while at the career center through various work-based experiences, including but not limited to, co-operative education, internships, and youth apprenticeships. The faculty at the career center is made up of individuals who have extensive work experience in the field they teach, as well as teaching experience. Many of these programs provide industry certifications as well as dual credit opportunities. In dual credit courses, students receive both high school credit and college credit from Greenville Technical College. For more information on courses available at a particular career center, students can check the website of the career center or call the career center.

Donaldson Career Center: <http://www.greenville.k12.sc.us/donaldsn/>

Enoree Career Center: <http://www.greenville.k12.sc.us/enoree/index.asp>

Golden Strip Career Center: <http://www.greenville.k12.sc.us/gstripcc/>

J. Harley Bonds Career Center: <http://www.greenville.k12.sc.us/bonds/>

## Registering for a Career Center Course

All students who wish to register for a Career Center program are to contact either their school's counselor or a counselor at the Career Center to receive instructions on completing the application process.

## Fine Arts Center Program

The Fine Arts Center of Greenville County, the first specialized arts school in South Carolina, was established in August of 1974. The Center serves students from 14 district schools, from private, charter and homes schools, and students from outside Greenville County who pay a yearly tuition to attend. The purpose of the Fine Arts Center is to provide advanced comprehensive arts instruction to students who are artistically talented and who wish to take an intensive pre-professional program of study. Students who apply to the Fine Arts Center are selected on the basis of talent, motivation and commitment to their discipline, as indicated by academic records, a teacher recommendation and an audition/interview. Students who are interested in applying should contact either their school's counselor or the Fine Arts Center counselor to receive instructions on completing the application process. Students attend the Fine Arts Center five days a week in the morning or afternoon for 110 minutes of instruction, spending the remainder of their time in academic studies at the home high school. Curricula are rigorous and fast-paced and most are equivalent to college level courses. The faculty are highly trained and widely experienced. The students are studying with active and successful artists. Each year approximately 400 students attend the Fine Arts Center, and of that number, many go on to receive local, state and national honors, awards, and scholarships. <http://www.fineartscenter.net/>

**2020-2021**  
**Woodmont High School 10th - 12th Grade Course Catalog**

<b>Administration</b>	<b>School Counselors</b>
<b>Joseph Foster</b>	<b>Rodney Robinson</b>
Principal	Student Responsibility A-B
(864) 355-8604	(864) 355-8621
jdfoster@greenville.k12.sc.us	rdrobinson@greenville.k12.sc.us
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Assistant Principal ~ Freshman Academy	Student Responsibility CE
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ntempleton@greenville.k12.sc.us	smorris@greenville.k12.sc.us
<b>Chawana Goodwin</b>	<b>Karen Karlsberg-Hern</b>
Assistant Principal ~10 <sup>th</sup> grade	Student Responsibility F-Hi
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<b>Chuck Winney</b>	<b>Maya Evans</b>
Assistant Principal ~ 11th Grade	Student Responsibility Ho-Ma
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cwinney@greenville.k12.sc.us	mrevans@greenville.k12.sc.us
<b>Tatiana Shea</b>	<b>Alli Brown</b>
Assistant Principal ~ 12th Grade	Student Responsibility Mc-Po
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## Registration

Teachers recommend students for their English, Math, Science, and Social Studies courses; however, students choose their own electives courses. Students are encouraged to choose their electives as well as **4 alternate electives** very carefully during the registration period. Students receive a Schedule Course Request Report of all core academic courses that have been recommended for them and the electives and alternate electives that they have chosen after the registration process. **PLEASE NOTE:** Due to class sizes, scheduling conflicts, and teacher allocation, the student may not be placed in their 1st, 2nd, 3rd or 4th elective choices, that is why it is imperative that they choose alternate electives.

## Parent Overrides

At times, parents may disagree with teacher recommended levels. If this occurs, parents may complete an override form in order to place the student in their desired course. **PLEASE NOTE: PARENTS AND STUDENTS ARE HIGHLY CAUTIONED IN THE USE OF PARENT OVERRIDE FORMS.** It has been the vast experience at Woodmont High School that students who are enrolled in courses with an override, have difficulty passing. Teachers cannot be expected to provide additional assistance beyond what is available to all the students in the class. If a parent overrides a teacher recommendation and the student begins to experience difficulty in the class once scheduled, the student **WILL NOT** be moved back into the original recommended level.

**Misplacement:** If a student is determined to be misplaced due to a teacher recommendation, then their schedule may be adjusted after the start of the course following a parent/teacher conference. These adjustments should occur within the first grading period.

**Schedule Change Requests:** Every effort should be made to ensure that students request appropriate classes during the registration process.

A Schedule Change Request form is available in the school counseling department and **must** be completed before any schedule change will be considered. No schedule changes will be made after the 5th day of semester per district policy.

## Additional information about minimum admission requirements to four year colleges and Universities:

Four year colleges and Universities require 2 years of foreign language as a minimum admission requirement---but more is better (Clemson and College of Charleston require 3 years of the same foreign language).

Public four year colleges and Universities in South Carolina require 3 lab sciences---Integrated Science **DOES NOT** count as lab sciences. Biology 1, Environmental Science, Earth Science, Forensic Science, Chemistry, Physics, Anatomy and Physiology **ARE** considered lab sciences.

Public four year colleges and universities in South Carolina require one fine arts credit (chorus, band, art, or theatre).

\*\*\*Four year college and University requirements vary greatly. Be certain to carefully check the requirements of the institutions you are interested in attending\*\*\*

## High School Assessments

Four High School Courses have a State-Mandated End-of-Course Exams.

Those courses are:

\*English 2

\*Algebra 1

\*Biology 1

\*U.S. History and the Constitution

## Donaldson Career Center

Students who are interested in attending the Career Center must complete an online application located in the student's backpack. Online applications must be completed by the deadline posted by Donaldson's Career Center.

## Honors Courses

Honors courses, which extend and deepen the opportunities provided by courses at the high school level, are designed for students exhibiting superior abilities in the particular content area. The honors curriculum places emphasis on critical and analytical thinking, rational decision making, and inductive and deductive reasoning.

## Dual Credit Courses

Dual credit courses--whether they are taken at the school where the student is enrolled or at a post secondary institution--are those courses for which the student has been granted permission by his or her home school to earn both Carnegie units and college credit for those particular courses.

## Advanced Placement

AP Language AP Environmental Science AP Government  
AP Literature AP Biology AP Macroeconomics  
AP Statistics AP Chemistry AP Computer Science Principles  
AP Calculus AB AP Human Geography AP Psychology  
AP Calculus BC AP World History AP Seminar  
AP Art History AP Physics AP Research

## International Baccalaureate Courses

English A1-HL1 Chemistry HL-1 IB US History  
English A1- HL2 Chemistry HL-2 History of the Americas HL

IB Math Applications Biology SL IB Theatre 1 HL  
IB French SL-1 IB Art SL IB Theatre 2 HL  
IB Spanish B SL IB Art 1 HL IB Theatre SL  
IB Spanish B SL-2 IB Art 2 HL  
Music SL Psychology HL-1  
Music HL-1 Psychology HL-2  
Theory of Knowledge Psychology SL

## **Career and Technical Education Pathways**

### **Agricultural**

Agricultural Mechanics and Technology  
Environmental and Natural Resources Management  
Plant and Animal Systems  
Horticulture

### **Business**

General Management  
Marketing Management  
Web and Digital Communications

### **Family and Consumer Science**

### **Health Science**

### **Digital Arts**

### **Project Lead the Way (PLTW)**

## **In order to be “college ready”, you must meet one of the following:**

Score a composite score of 20 or higher on the ACT

Score a composite score of 1020 or higher on the SAT

Score a 3 or higher on an AP exam

Score a 4 or higher on an HL IB assessment

Complete 6 credit hours of dual enrollment at community college with a grade of C or higher (2 classes usually = 6 hours)

## **In order to be “career ready”, you must meet one of the following:**

Earn silver, gold, or platinum on the WIN career assessment

Earn a scale score of 31 or higher on ASVAB

Be a CTE completer with an industry credential (Donaldson classes with state licensure exam passed...Ag completer with industry credential or Health Science completer with industry credential, etc.)

Successfully complete a state approved work based learning program

## **Early Dismissal for Seniors**

A permanent early dismissal will be granted to seniors who meet the following criteria:

- Student is classified as a senior
- Student is on track to be College and/or Career Ready
- Student is enrolled in the courses needed to complete the requirements for the SC High School Diploma
- Student is scheduled for a minimum of two block classes per semester
- Student's parent/guardian petitions the school in writing for the student's early dismissal by completing the Early Dismissal Request Form available in the school counseling office
- All Early Dismissal must be turned in by the deadline posted







## Course Descriptions

### Charter School Courses

**Title:** Open PM (YR-2 periods)  
**Unit Credit:** 0  
**Grade Level:** 9 - 12

**Course Number:** 0490ZE02

### English

**Title:** IB Language A: Lit HL-1  
**Unit Credit:** 1  
**Grade Level:** 9 - 12

**Course Number:** 301B05IW

This first year of the two-year Language A program is designed to meet the requirements for the IB Diploma and high school graduation. Close critical analysis of modern international literary works in all genres will be an integral part of the course. An IB-designated curriculum will be followed. Assessment of both oral and written assignments will be made. **PREREQUISITE:** See matriculation flow chart; IB counselor placement

**Title:** IB Language A: Lit HL-2  
**Unit Credit:** 1  
**Grade Level:** 11 - 12

**Course Number:** 301C05IW

This second year of the two-year Language A program is designed to meet the requirements for the IB Diploma and high school graduation. Students will continue their study of American, British, and world literature. Students will read independently, write literary analyses, and speak critically about literature. Two internally assessed oral will consist of formal commentaries based on the literature studied. Two externally assessed world literature papers will also be required. Students will be required to take the IB English HL exam in May. **PREREQUISITE:** See matriculation flow chart; IB counselor placement

**Title:** English 1 CP  
**Unit Credit:** 1  
**Grade Level:** 9 - 12

**Course Number:** 302401CW

English 1 is designed to prepare students for College and Career readiness as required by the South Carolina State Standards and the End of Course exam. The curriculum exposes students to a variety of genres, both literary and informational. Note: this course carries CP GPA weighting. Placement Recommendation: 8th grade MAP RIT scores in reading less than 244

**Title:** English 1 Hon  
**Unit Credit:** 1  
**Grade Level:** 8 - 12

**Course Number:** 302403HW

English 1 Honors is a course for academically gifted students who have the ability to pursue an accelerated English program. These students may be preparing for Advanced Placement English - college level courses - in high school; therefore, the coursework will reflect more rigor than English I CP. Note: This course carries Honors GPA weighting. Prerequisites: High level of performance in reading and writing skills, ability to think critically and demonstrated enthusiasm for language arts, and/or teacher recommendation. All GTA identified students should enroll in the GT or Honors level course

**Title:** English 2 CP  
**Unit Credit:** 1  
**Grade Level:** 9 - 12

**Course Number:** 302501CW

English 2 introduces literary and informational texts that create awareness and appreciation of cultural diversity. The course is designed to prepare students for the rigor of the South Carolina State Standards for College and Career Readiness. Note: this course carries CP GPA weighting. **PREREQUISITE:** Completion of English 1

**Title:** English 2 Hon  
**Unit Credit:** 1  
**Grade Level:** 9 - 12

**Course Number:** 302503HW

English 2 Honors introduces students to a survey of World Literature, ancient to modern. The course is designed to prepare students for the rigor of the South Carolina State Standards for College and Career Readiness. Note: this course carries Honors GPA weighting. **PREREQUISITE:** Earned 80 or above in English 1 Honors or a strong A(95 or above) in English 1 CP; High level of performance in reading and writing skills; Ability to think critically and demonstrated enthusiasm for language arts; Teacher recommendation

**Title:** English 3 CP

**Course Number:** 302601CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

English 3 introduces literary and informational texts reflecting a broad range of writing by American authors. The course is designed to prepare students for the rigor of the South Carolina State Standards for College and Career Readiness. Note: this course carries CP GPA weighting. Placement recommendation: Completion of English 1 and 2 CP

**Title:** English 3 Hon

**Course Number:** 302603HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

English 3 Honors is an in-depth study of United States literature and literary nonfiction, especially foundational works and documents from the 17th century through the early 20th century. The course is designed to prepare students for the rigor of the South Carolina State Standards for College and Career Readiness. Note: this course carries Honors GPA weighting. Placement recommendations: Earned 80 or above in English 1 Honors and English 2 Honors; High level of performance in reading and writing skills; Ability to think critically and demonstrated enthusiasm for language arts; Teacher recommendation

**Title:** English 4 CP

**Course Number:** 302701CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

English 4 introduces literary and informational texts reflecting a broad range of writing by authors outside the United States. The course is designed to prepare students for the rigor of the South Carolina State Standards for College and Career Readiness. Note: this course carries CP GPA weighting. Placement recommendation: Completion of English 3 CP

**Title:** English 4 Hon

**Course Number:** 302703HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

English 4 Honors is a survey course of British Literature from the Anglo-Saxon period through modern times. The course is designed to prepare students for the rigor of the South Carolina State Standards for College and Career Readiness. Note: this course carries Honors GPA weighting. Placement recommendations: Earning 80 or above in English 3 Honors; High level of performance in reading and writing skills; Ability to think critically and demonstrated enthusiasm for language arts; Teacher recommendation

**Title:** Creative Writing

**Course Number:** 303200CH

**Unit Credit:** 0.5

**Grade Level:** 9 - 12

This elective course, designed for students interested in written and multimedia expression, includes a study of the various forms of poetry, fiction, nonfiction, and multimedia technology. Students will create portfolios of their own creative writing and experiment with various forms of expression. The course may culminate in the publication of a school-wide literary magazine. This course does not take the place of any required English course. PREREQUISITE: None

**Title:** Speech

**Course Number:** 304080CH

**Unit Credit:** 0.5

**Grade Level:** 9 - 12

This elective course is for students who are interested in improving their interpersonal communication skills and who wish to increase their confidence in delivering oral presentations. The course includes instruction in one-on-one communication, group discussion, oral presentation, topic selection, audience analysis, research and composition skills, and presentation techniques. This course does not take the place of any required English course.

**Title:** AP Eng Lit/Comp

**Course Number:** 307005AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This college-level course is an in-depth study of various modes and genres in literature. Writing to the literature is a major emphasis with a focus on exposition, argumentation, and critical analysis. The literature studied involves close reading of literary works. All students enrolled must take the Advanced Placement English Literature and Composition Exam in May. Note: This course carries AP/IB GPA weighting. PREREQUISITE: Successful completion of at least two honors level English courses prior to attempting an AP course; Demonstrated ability to think critically ; Teacher recommendation; Commitment to the Advanced Placement workload and examination

**Title:** AP Eng Lang/Comp

**Course Number:** 307105AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This is a college-level course for those students who are highly competent in verbal skills. Language and composition will be explored in-depth through a close reading of nonfiction texts and essays. Writing tasks include analytical and critical essays as well as various other types of composition. Particular attention is given to rhetorical analysis and persuasive techniques. All students enrolled in this course must take the Advanced Placement English Language and Composition Exam in May. Note: This course carries AP/IB GPA weighting.

**PREREQUISITE:** Successful completion of at least two honors level English courses prior to attempting an AP course; Demonstrated ability to think critically; Teacher recommendation; Commitment to the Advanced Placement workload and examination

**Title:** Film Criticism

**Course Number:** 309977CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This elective course will expose students to film and cinematography. Students will become active, critical viewers of various film genre by discussing and critiquing acting, directing and production techniques. Students will be required to write various compositions related to the films. This course does not take the place of any required English course.

**Title:** Yearbook Production

**Course Number:** 376900CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This is an elective course for students who have completed Journalism 2 Yearbook and who show outstanding skills in writing, design, or photography. The program includes staff organization, ad sales, and business management, feature writing, layout and design, photography, and the publication process. Students will refine skills as they produce a school yearbook. This course does not take the place of any required English course. **PREREQUISITE:** Journalism 2 Yearbook and Instructor approval

**Title:** Yearbook Production 2

**Course Number:** 379900CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This is an elective course for students who have completed Yearbook Production and who show skills in writing, design, or photography. The program includes staff organization, ad sales, and business management, feature writing, layout and design, photography, and the publication process. Students will refine skills as they produce a school yearbook. This course does not take the place of any required English course.

**PREREQUISITE:** Yearbook Production and Instructor approval

**Title:** Yearbook Management (H)

**Course Number:** 3799A9HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This elective course is for students who have mastered the skills taught in Yearbook Production. The program includes experiences in soliciting and designing advertisements to underwrite the production costs of publishing the yearbook, as well as management of yearbook sales. The focus of the course is to offer students exposure to the professional media by an advanced analysis of current trends in professional advertising, public relations and financial management. This course does not take the place of any required English course.

**PREREQUISITE:** Yearbook Production and Instructor approval.

**Title:** Yearbook Management 2 (H)

**Course Number:** 3799B1HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This elective course is for students who have mastered the skills taught in Yearbook Management. Students taking this course will serve on the editorial staff of the yearbook and be responsible for making management decisions regarding finances, page design, and personnel assignments. This course does not take the place of any required English course. **PREREQUISITE:** Yearbook Management and Instructor approval.

## Math

**Title:** Math Applications & Interpretations SL-2

**Course Number:** 312D00IW

**Unit Credit:** 1

**Grade Level:** 11 - 12

Applications and interpretation with an emphasis on statistics, modelling and use of technology - appropriate for those with an interest in the applications of mathematics and how technology can support this

**Title:** Math Strategies

**Course Number:** 319965CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This elective course is designed to provide additional support to students in their efforts to meet the standards of more rigorous and relevant mathematics courses. The course should be taught concurrently with a student's regular math class, giving extra time and utilizing a variety of strategies to help students build a stronger foundation for success in their current and future mathematics courses.

**Title:** Algebra 3 CP

**Course Number:** 411305CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Algebra 3 focuses on the development of the student's ability to understand and apply the study of functions and advanced mathematics concepts to solve problems. The course will include a study of polynomial, rational, exponential, logarithmic, and trigonometric functions. Emphasis is on active participation through modeling, technology lab activities, group activities, and communication in mathematics. This course is designed for students who have taken Algebra 2 but who do not have a strong enough background to go directly into Precalculus CP. It is a bridge between Algebra 2 and Precalculus CP, including some of the culminating topics of Algebra 2 and some of the introductory topics of Precalculus CP. The course will be taught through the use of best practices and research-proven instructional strategies. The SCCR mathematical process standards apply throughout the course. PREREQUISITE: Algebra 2 CP and Math teacher recommendation

**Title:** Algebra 1 CP

**Course Number:** 411400CW

**Unit Credit:** 1

**Grade Level:** 7 - 12

In Algebra 1 students develop fluency creating, interpreting, and translating between various forms of linear, quadratic, and exponential equations and functions. They will interpret functions graphically, numerically, symbolically, and verbally and use them to model real-world phenomenon. The SCCR mathematical process standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful and logical subject. PREREQUISITE: Math 8, Math Teacher Recommendation

**Title:** Algebra 1 Hon

**Course Number:** 411402HW

**Unit Credit:** 1

**Grade Level:** 7 - 12

Algebra 1 Honors students will study all of the topics included in CP Algebra 1. They will also study additional topics including step functions, transformations of absolute value functions, factoring quartic expressions in quadratic form, translating a quadratic function into vertex form, and sequences as functions. The SCCR mathematical process standards apply throughout the course and, along with content standards prescribe that students experience math as a coherent, useful, and logical subject. PREREQUISITE: Math 6/7/8, or Math 7/8, or Math 8; District Criteria; Math Teacher Recommendation

**Title:** Algebra 2 CP

**Course Number:** 411500CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

In Algebra 2 students extend their repertoire of functions to include polynomial, rational, and radical functions. Students expand their abilities to model real-world situations, including solving quadratic equations involving complex numbers and solving exponential equations by using logarithms. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful and logical subject. PREREQUISITE: Alg 1 or Alg 1 A and Alg 1 B; Geometry; Math Teacher Recommendation

**Title:** Algebra 2 Hon

**Course Number:** 411502HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Algebra 2 Honors students study all topics included Algebra 2 CP. They also study additional topics including the Binomial Theorem, operations with complex numbers, graphs of rational functions, solutions of logarithmic equations, synthetic division of polynomials, function composition and inverses. The SCCR mathematical process standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject. PREREQUISITE: Alg 1, Geometry; Math Teacher Recommendation

**Title:** Geometry CP

**Course Number:** 412200CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

Geometry students study congruence and similarity through analyses of transformations and formal constructions. They also study the properties of triangles and quadrilaterals, the Pythagorean Theorem, special right triangles, and right-triangle trigonometry. Additional topics include circles, coordinate geometry, and area and volume of 2- and 3-dimensional shapes. Students develop formal proofs using a variety of formats. The SCCR mathematical process standards apply throughout the course. PREREQUISITE: Algebra 1; Math Teacher

Recommendation

**Title:** Geometry Hon

**Course Number:** 412202HW

**Unit Credit:** 1

**Grade Level:** 8 - 12

Geometry Honors students study all of the topics included in CP Geometry. Honors students will study additional topics including truth tables, triangle centers, Euler's line, Law of Sines, Law of Cosines, and Cavalieri's Principle. The SCCR mathematical process standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. PREREQUISITE: Algebra 1; District Criteria; Math Teacher

Recommendation

**Title:** Pre-Calculus H

**Course Number:** 413103HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This honors-level course is a program of mathematical studies focusing on the development of the student's ability to understand and apply the study of functions and advanced mathematics concepts to solve problems. The course will include a study of polynomial, rational, exponential, logarithmic, and trigonometric functions. Emphasis is placed on active participation through modeling, technology lab activities, group activities, and communication in mathematics. Students are expected to use technology, including graphing calculators, computers, and data-gathering equipment throughout the course. Students will be required to work with more intensity, at a deeper level, and produce a wider range of more complex and difficult material. The SCCR mathematical process standards apply throughout the course.

PREREQUISITE: Geometry Honors and Algebra 2 Honors or Geometry CP and Algebra 2 CP with Math teacher recommendation

**Title:** Precalculus CP

**Course Number:** 413105CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is a program of mathematical studies focusing on the development of the student's ability to understand and apply the study of functions and advanced mathematics concepts to solve problems. The course will include a study of polynomial, rational, exponential, logarithmic, and trigonometric functions. Emphasis is placed on active participation through modeling, technology lab activities, group activities, and communication in mathematics. Students are expected to use technology, including graphing calculators, computers, and data-gathering equipment throughout the course. The SCCR mathematical process standards apply throughout the course.

PREREQUISITE: Geometry CP, Algebra 2 CP, and Math teacher recommendation

**Title:** Prob and Stats CP

**Course Number:** 414105CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is a broad introduction to the concepts of probability and statistics. Topics will include probability; collection display, and analysis of data; permutations and combinations; binomial normal and t-distributions. The SCCR mathematical process standards apply throughout the course. PREREQUISITE: Geometry CP and Algebra 2 CP

**Title:** Discrete Math CP

**Course Number:** 414205CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Discrete mathematics can loosely be described as the study of ideas or objects that can be divided into separate or discontinuous parts as opposed to algebra and calculus, which focus mainly on continuous mathematics. Many of its principles can be applied in the fields of business, computer science, and social decision making. Discrete mathematics complements and enriches the traditional curriculum. Since discrete mathematics encompasses a large variety of topics, this course cannot include them all. The topics of study for this course are graph theory, vectors, combinatorics, probability, election theory, fair division, sequences, series, recursion, mathematical modeling, and mathematical induction. Emphasis is on active participation through modeling, technology lab activities, group activities, multiple representation, and communication in mathematics. The course will be taught through the use of best practices and research-proven instructional strategies. PREREQUISITE: Algebra 2, any level, and Math teacher recommendation

**Title:** AP Calculus AB

**Course Number:** 417005AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This is a course for the mathematically gifted student capable of college-level work. The course outline reflects the content currently recommended by the College Entrance Examination Board (CEEB). Students enrolled in the course are required to take the AP Calculus Exam in the spring. PREREQUISITE: Precalculus Honors or Math teacher recommendation

**Title:** AP Statistics

**Course Number:** 417105AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This is a college-level mathematics course for students who have been highly successful in Algebra 2. The purpose is to introduce students to the major concepts and tools of elementary statistics as they collect, analyze, and draw conclusions from data. Students will have extensive opportunities to explore data, plan studies, anticipate patterns, and use statistical inference. Students enrolled in the course are required to take the AP Statistics Exam in May. PREREQUISITE: Algebra 2 Honors or Algebra 2 with Math teacher recommendation

**Title:** AP Calculus BC

**Course Number:** 417205AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This is a course for the mathematically gifted student capable of college-level work. The course outline reflects the content currently recommended by the College Entrance Examination Board (CEEB). Students enrolled in the course are required to take the AP Calculus Exam in the spring. PREREQUISITE: Precalculus Honors or Math teacher recommendation

## Science

**Title:** Integrated Science

**Course Number:** 321000CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is an introductory level course for 9th grade students who need additional support for the literacy demands of Biology. A critical component of this course will be a focus on science and engineering practices. Students enrolled in this course of study will discover how scientists think, read, talk, and write. This is done through a variety of inquiry-based teaching methods which include: labs and lab simulations, research opportunities, group and individual activities, and class seminars and discussions. Assessment of students will be done through class participation, group and individual projects, labs, homework, quizzes, and tests. Pre-requisites: Teacher recommendation (based on multiple data points)

**Title:** Biology 1 H

**Course Number:** 322103HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This honors-level course encompasses interrelationships of living things, levels of biological organization, human biology, social implications, biochemistry, and genetics. Extensive laboratory work and problem-solving are essential components. Beginning with the 2010-2011 school year, the state required end-of-course test in Biology will be administered as the final exam for this class and the class will be required for graduation. The grade on the end-of-course test will count as 20% of the student's final grade. PREREQUISITE: Science teacher recommendation

**Title:** Biology 1 CP

**Course Number:** 322104CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course includes laboratory work and extensive study of specimens. Course content encompasses interrelationships of living things, levels of biological organization, human biology, social implications, biochemistry, and genetics. Beginning with the 2010-2011 school year, the state required end-of-course test in Biology will be administered as the final exam for this class and the class will be required for graduation. The grade on the end-of-course test will count as 20% of the student's final grade. PREREQUISITE: Science teacher recommendation

**Title:** IB Biology SL-2

**Course Number:** 322A07IW

**Unit Credit:** 1

**Grade Level:** 11 - 12

This is the first course of a two-year program required of students who will take the IB Biology SL exam in the senior year. This course will follow an IB-designated curriculum and will cover topics such as cells, biochemistry, genetics, ecology, human health and physiology, neurobiology and behavior, and diet and human nutrition. Students will develop advanced laboratory techniques that will allow them to successfully complete the interdisciplinary Science Group 4 Research Project. This course will prepare students for the IB Biology SL exam which they will be required to take in May. PREREQUISITE: See matriculation flow chart; IB counselor placement

**Title:** IB Sports, Exercise, & Health SL-2

**Course Number:** 322E00IW

**Unit Credit:** 1

**Grade Level:** 11 - 12

Sports, exercise and health science (SEHS) is an experimental science course combining academic study with practical and investigative skills. SEHS explores the science underpinning physical performance and provides the opportunity to apply these principles. The course incorporates the disciplines of anatomy and physiology, biomechanics, psychology and nutrition. Students cover a range of core and option topics, and carry out practical (experimental) investigations in both laboratory and field settings. The course offers a deeper understanding of the issues related to sports, exercise and health in the 21st century and addresses the international dimension and ethics related to both the individual and global context. Prerequisite - Biology Honors

**Title:** Chemistry 1 H

**Course Number:** 323103HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is rigorous and demands a high level of abstract thinking, working with symbols, and application of knowledge to problem-solving. Students will study atomic structure, quantum mechanical theory, bonding, shapes of molecules, gases, thermochemistry, electrochemistry, oxidation reduction, nuclear chemistry, acids and bases. The course contains a major laboratory component. PREREQUISITE: Biology 1, Algebra 1 and Science teacher recommendation

**Title:** Chemistry 1 CP

**Course Number:** 323104CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is rigorous and demands a high level of abstract thinking, memorization, working with symbols, and application of knowledge to problem-solving. Student participation in laboratory activities is essential for success in this course. The course content includes organization of matter, chemical bonding, atomic structure, gases, states of matter, nomenclature, and skills development. PREREQUISITE: Biology 1, Algebra 1 and Science teacher recommendation

**Title:** Chemistry SL

**Course Number:** 323A17IW

**Unit Credit:** 1

**Grade Level:** 11 - 12

This course will follow an IB-designated curriculum and includes the study of stoichiometry, atomic theory, periodicity, bonding, states of matter, energetics, kinetics, equilibrium, acids and bases, oxidation and reduction, and organic chemistry. All areas will include relevant laboratory investigations and all students will be required to maintain and submit a cumulative laboratory notebook. Students will also be required to complete the interdisciplinary Science Group 4 Research Paper. Students will be prepared to take the IB Chemistry SL exam. This is the first part of a two-year course of study for students who will take the IB Chemistry HL exam in the senior year. PREREQUISITE: See matriculation flow chart; IB counselor placement

**Title:** Chemistry HL-1

**Course Number:** 323B05IW

**Unit Credit:** 1

**Grade Level:** 11 - 12

This course will follow an IB-designated curriculum and includes the study of stoichiometry, atomic theory, periodicity, bonding, states of matter, energetics, kinetics, equilibrium, acids and bases, oxidation and reduction, and organic chemistry. All areas will include relevant laboratory investigations and all students will be required to maintain and submit a cumulative laboratory notebook. Students will also be required to complete the interdisciplinary Science Group 4 Research Paper. This is the first part of a two-year course of study for students who will take the IB Chemistry HL exam in the senior year. PREREQUISITE: See matriculation flow chart; IB counselor placement

**Title:** Chemistry HL-2

**Course Number:** 323C05IW

**Unit Credit:** 1

**Grade Level:** 11 - 12

In this course students will expand on the topics covered in the Standard Level course. All areas will include relevant laboratory investigation and all students will be required to maintain and submit a cumulative laboratory notebook. Students will be required to take the IB Chemistry HL exam in May. PREREQUISITE: See matriculation flow chart; IB counselor placement

**Title:** Physics 1 H

**Course Number:** 324103HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This honors-level course focuses on the basic principles which determine the interactions between matter and energy with extensive laboratory work. The course includes topics on mechanics, electricity, magnetism, thermodynamics, optics, sound and an introduction to quantum physics. Students in this course will gain a basic knowledge of physics which they can build on in future college classes. Students in this course will be required to work with more intensity, at a deeper level, and produce a wider range of more complex material.

PREREQUISITE: Biology 1 and Science teacher recommendation. Algebra 2 (or concurrent) is highly recommended.

**Title:** Physics 1 CP

**Course Number:** 324104CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course familiarizes students with fundamental principles of physics and their applications. The course includes topics on mechanics, electricity, magnetism, thermodynamics, optics, sound and an introduction to quantum physics. Math, graphing, and problem-solving skills will comprise the basis of instruction. PREREQUISITE: Biology 1 and Science teacher recommendation. Algebra 2 (or concurrent) is highly recommended.

**Title:** Forensic Science

**Course Number:** 324501CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Forensic science is the application of basic biological, chemical and physical science principles and technological practices to the purposes of justice in the study of criminal and civil issues. Students will learn the methodology needed to evaluate a crime scene, the proper lab mechanics needed to evaluate evidence, and how to compare between a known and unknown. Students will learn how DNA, fingerprinting, and other forensic tests can be used to solve a crime. PREREQUISITE: Biology 1 and Chemistry 1 and Science teacher recommendation

**Title:** Forensic Science H

**Course Number:** 324503HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Forensic science is the application of basic biological, chemical and physical science principles and technological practices to the purposes of justice in the study of criminal and civil issues. Students will learn the methodology needed to evaluate a crime scene, the proper lab mechanics needed to evaluate evidence, and how to compare between a known and unknown. Students will learn how DNA, fingerprinting, and other forensic tests can be used to solve a crime. Students will conduct a greater number of laboratory tests, requiring extensive quantitative and qualitative skills. A project that summarizes all aspects of the class will be required for successful completion.

PREREQUISITE: Biology 1, Chemistry 1, and Science teacher recommendation

**Title:** Astronomy

**Course Number:** 325101CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is designed for students who are interested in studying the dynamics of the universe and the history of the earth as a planet. It includes stellar evolution, planetology, laws of motion as applied to space flight, and planet motion and the history of space flight.

PREREQUISITE: Biology 1 and Science teacher recommendation.

**Title:** Environmental Studies (Non-Lab)

**Course Number:** 326101CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Students will study the ecosystem of the Earth including man's impact on the planet and the long-term effects of man's actions. Topics covered include: acid rain; greenhouse effect; energy sources; water, air, and soil pollution; human population; global warming; and weather. The South Carolina Commission on Higher Education does not accept this beginning level course taken prior to Biology or Chemistry for college admission. PREREQUISITE: None

**Title:** Environ Studies H (Lab)

**Course Number:** 326103HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is designed as a rigorous upper-level course which promotes understanding of human impact on the environment. The course includes physical and chemical properties, living systems and interrelationships. The course provides opportunities for student participation, research, field testing, experimentation, and decision making. The class requires students to participate in and develop a variety of environmental labs and analyses of ecosystem relationships. The South Carolina Commission on Higher Education accepts this course as a science course for college admission with the prerequisites of Biology 1. Please note the Commission on Higher Education considers this a rigorous upper-level class and not an introductory course. To provide students with the proper rigorous background needed in the class, the school district requires the prerequisites of Biology 1 Honors. PREREQUISITE: Biology 1, and Science teacher recommendation

**Title:** Environ Studies CP (Lab)

**Course Number:** 326107CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is designed to promote an understanding of human impact on the environment. The course includes physical and chemical properties, living systems and interrelationships. The course provides opportunities for student participation, research, field testing, experimentation, and decision-making. The SC Commission on Higher Education accepts this course as a science course for college admission with the prerequisites of Biology 1. Please note the Commission on Higher Education considers this a rigorous, upper level course and not an introductory class. To provide students with the proper rigorous background needed in the class, the school district requires the pre-requisites of Biology 1. PREREQUISITE: Biology 1, Science teacher recommendation

**Title:** Anatomy & Physiology

**Course Number:** 326300CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is designed for those students interested in pursuing a career in a health field. Students will learn about human cells, tissues, organs and systems. PREREQUISITE: Biology 1, Chemistry 1, Science teacher recommendation

**Title:** Anatomy and Physiology (H)

**Course Number:** 326300HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is designed for those students interested in pursuing a career in a health field. Students will learn about human cells, tissues, organs and systems. PREREQUISITE: Biology 1, Chemistry 1, Science teacher recommendation

**Title:** Earth Science

**Course Number:** 326501CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This rigorous laboratory course is designed for students who are interested in studying the forces that are changing the earth. These forces include the study of effects of plate tectonics (such as earthquakes and volcanoes), erosion, and atmospheric forces. Students will also study the planets, star structure and evolution, constellations, and space flight. PREREQUISITE: Biology 1 and Science teacher recommendation

**Title:** Earth Science (H)

**Course Number:** 326501HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Earth Science is a rigorous laboratory course focusing on the study of space, and the geologic and atmospheric forces that shape our world. Through experimentation and investigation, students will explore the earth cycles including the geosphere, hydrosphere, and the atmosphere. Students will learn about scientific inquiry, geologic time, space exploration, the solar system and the universe. Students will use interactive experiences, higher order thinking, collaborative projects, and real world application through labs and a variety of assessments. Prerequisite: Biology 1 and Science teacher approval.

**Title:** AP Biology

**Course Number:** 327205AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is an in-depth study equivalent to college-freshman biology and includes: molecular and cellular biology, genetics, and evolution, organisms, population, and ecology. All students taking this course are required to take the AP Biology exam in May. PREREQUISITE: Biology 1 and Approval of AP Teacher

**Title:** AP Chemistry

**Course Number:** 327305AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is designed to be equivalent to college-freshman general chemistry. Topics include: theoretical aspects of chemistry, structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics, electrochemistry, stoichiometry, and thermodynamics. There is strong emphasis on chemical calculations. Accuracy and speed problem -solving are stressed. All students taking this course are required to take the AP exam in May. PREREQUISITE: Chemistry 1 and approval of AP Teacher

**Title:** AP Environmental Sci

**Course Number:** 327705AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

The AP Environmental Science course provides students with the scientific principles, concepts, and methodologies required to understand the relationship of organisms in nature, to analyze environmental problems and to search for a solution for these problems. Students must take the AP Environmental Science Exam in May. PREREQUISITE: Biology 1 and Chemistry 1 recommended, Approval of AP Teacher

**Title:** AP Physics 1

**Course Number:** 328200AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is a rigorous study of freshman college-level physics. Traditional topics of Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound; and an introduction to electric circuits are addressed. Problem solving skills using algebra and trigonometry are emphasized. Application of theory in laboratory is also a major component. Students must take the AP Physics 1 exam in May. PREREQUISITE: Physics 1, Algebra 2 (or concurrent), and Approval of AP Teacher (Physics 1 prerequisite may be deferred at discretion of AP teacher)

## Social Studies

**Title:** Modern World History

**Course Number:** 330600CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

The course is designed to focus on the making of the modern world, beginning with the time period of 1300 to the present. Students will develop an understanding of how people and countries of the world have become increasingly interconnected. The course will focus on how the changes over the last 700 years including population growth, demand for resources, curiosity, and technology have converged to draw the distant corners of the world closer together. Students will learn through the lens of inquiry and historical thinking skills while applying History/Social Studies Literacy skills as they think critically about why and how people, ideas, and technology have made an impact on diverse groups of people. Note: This course is an elective and can only be taken ONE time. PREREQUISITE: Social Studies Teacher Recommendation

**Title:** Modern World History (H)

**Course Number:** 330600HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

The course is designed to focus on the making of the modern world, beginning with the time period of 1300 to the present. Students will develop an understanding of how people and countries of the world have become increasingly interconnected. The course will focus on how the changes over the last 700 years including population growth, demand for resources, curiosity, and technology have converged to draw the distant corners of the world closer together. Students will learn through the lens of inquiry and historical thinking skills while applying History/Social Studies Literacy skills as they think critically about why and how people, ideas, and technology have made an impact on diverse groups of people. Parallel readings, critical research, and authentic product and performance development will be a requirement. It is recommended students have Honors English placement. Note: This course is an elective and can only be taken ONE time. PREREQUISITE: Social Studies Teacher Recommendation

**Title:** Economics & Personal Finance

**Course Number:** 330800CH

**Unit Credit:** 0.5

**Grade Level:** 9 - 12

Students study economics and personal finance beginning with how humans address the fundamental problem of scarcity by making choices based on the existence of limited resources. Using the skills of the economist, students will use inquiry and critical thinking as they learn how rational decisions are made using marginal analysis, and that all choices are met with consequences. Students will investigate how personal financial decisions related to careers, spending, and short- and long-term goal setting impact one's standard of living and long-term financial well-being. In the domain of microeconomics, students will survey the impact of demand, supply, various market structures, and government policies have on market prices for goods, services, and wages for workers. Inquiry into macroeconomics involves observing trends in the economy at large and the policies that are undertaken to promote the economic well-being of a society. The study of economics and personal finance provides a basis for students to develop the skills necessary to live and thrive financially in the 21st century, and participate in society as active and informed decision-makers. Economics is required for graduation. PREREQUISITE: Social Studies teacher recommendation

**Title:** Economics & Personal Finance (H)

**Course Number:** 330800HH

**Unit Credit:** 0.5

**Grade Level:** 9 - 12

Students study economics and personal finance beginning with how humans address the fundamental problem of scarcity by making choices based on the existence of limited resources. Using the skills of the economist, students will use inquiry and critical thinking as they learn how rational decisions are made using marginal analysis, and that all choices are met with consequences. Students will investigate how personal financial decisions related to careers, spending, and short- and long-term goal setting impact one's standard of living and long-term financial well-being. In the domain of microeconomics, students will survey the impact of demand, supply, various market structures, and government policies have on market prices for goods, services, and wages for workers. Inquiry into macroeconomics involves observing trends in the economy at large and the policies that are undertaken to promote the economic well-being of a society. The study of economics and personal finance provides a basis for students to develop the skills necessary to live and thrive financially in the 21st century, and participate in society as active and informed decision-makers. At the honors level students will read supplementary materials and analyze, synthesize, and evaluate new information as they develop critical thinking skills. It is strongly recommended that students have Honors English placement. Economics is required for graduation. PREREQUISITE: Social Studies teacher recommendation

**Title:** US History & Constitution H

**Course Number:** 332003HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

In this course, students will learn about the foundation of the American Republic and the expansion and disunion of the United States. Students will investigate the impact of American industrialism and capitalism, including being drawn into world wars, on American politics and geopolitics. Through the lens of the Cold War, students will study the contemporary era including the age of technological development, increased civic participation, and political party realignment. Students will employ the skills of a historian to think critically as they use inquiry to explore the past and formulate their own interpretation of events. This course will entail a rigorous program of reading, research and writing. It is strongly recommended that students have Honors English placement. U.S. History is required for graduation. Students must take the state-required end-of-course U.S. History test as the final exam. It will count 20 percent of the final grade. PREREQUISITE: One social studies unit, Social Studies teacher recommendation

**Title:** US History & Constitution CP

**Course Number:** 332009CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

In this course, students will learn about the foundation of the American Republic and the expansion and disunion of the United States. Students will investigate the impact of American industrialism and capitalism, including being drawn into world wars, on American politics and geopolitics. Through the lens of the Cold War, students will study the contemporary era including the age of technological development, increased civic participation, and political party realignment. Students will employ the skills of a historian to think critically as they use inquiry to explore the past and formulate their own interpretation of events. U.S. History is required for graduation. Students must take the state-required end-of-course U.S. History test as the final exam. It will count 20 percent of the final grade. PREREQUISITE: One social studies unit, Social Studies teacher recommendation

**Title:** US Government CP

**Course Number:** 333007CH

**Unit Credit:** 0.5

**Grade Level:** 9 - 12

Students will study the historical and philosophical principles that led to the development of the American constitutional democracy and how those fundamental ideas have continued to sustain America's democratic society. Students will learn how various powers are granted and distributed among the different branches and levels of government, and how checks and balances prevent one branch from overpowering the others. Additionally, students will investigate how American political values are formed and how government functions through individual participation and policy making. In order to continue to thrive, a strong democracy relies on active participation by informed individuals dedicated to upholding the rule of law and individual rights. This course provides a basis for students to develop the skills necessary to live and thrive in America's constitutional democracy and participate in society as active and informed citizens. US Government is required for graduation. PREREQUISITE: Social Studies teacher recommendation

**Title:** US Government H

**Course Number:** 333014HH

**Unit Credit:** 0.5

**Grade Level:** 9 - 12

Students will study the historical and philosophical principles that led to the development of the American constitutional democracy and how those fundamental ideas have continued to sustain America's democratic society. Students will learn how various powers are granted and distributed among the different branches and levels of government, and how checks and balances prevent one branch from overpowering the others. Additionally, students will investigate how American political values are formed and how government functions through individual participation and policy making. In order to continue to thrive, a strong democracy relies on active participation by informed individuals dedicated to upholding the rule of law and individual rights. This course provides a basis for students to develop the skills necessary to live and thrive in America's constitutional democracy and participate in society as active and informed citizens. At the honors level students will read supplementary materials and analyze, synthesize, and evaluate new information as they develop critical thinking skills. It is strongly recommended that students have Honors English placement. U.S. Government is required for graduation. PREREQUISITE: Social Studies teacher recommendation

**Title:** Civics

**Course Number:** 333501CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

The goal of education in civics is informed, responsible participation in political life by competent citizens committed to the fundamental values and principles of American constitutional democracy. Students will apply the practice of inquiry-based learning and social studies literacy skills while thinking critically about their government's foundational principles and practices. Students will learn how to utilize historical thinking skills as they analyze, interpret, and evaluate primary and secondary sources. This course will equip students with the necessary foundational pre-requisite knowledge for the 11th grade course, US History and the Constitution, and the 12th grade course, US Government. NOTE: This course is an elective and can only be taken one time. PREREQUISITE: Social Studies teacher recommendation

**Title:** Law Education

**Course Number:** 333612CH

**Unit Credit:** 0.5

**Grade Level:** 9 - 12

This elective course involves a study of different types of law, their development, and their role in a democratic society. Emphasis will be placed on citizen rights and responsibilities, law enforcement, the judicial system, liberty, and justice. Topics include criminal law, juvenile justice, torts, consumer, family, and housing law, and individual rights and responsibilities. The course focuses on the interpretation of cases and law enforcement procedures.

**Title:** Current Events Foreign Policy

**Course Number:** 333701CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This elective course enables students to examine timely topics using various current resources and media forms. Students will analyze recent events in an historical context and consider their impact on the world and their lives.

**Title:** Current Events Foreign Policy

**Course Number:** 333712CH

**Unit Credit:** 0.5

**Grade Level:** 9 - 12

This elective course enables students to examine timely topics using various current resources and media forms. Students will analyze recent events in an historical context and consider their impact on the world and their lives.

**Title:** Psychology CP

**Course Number:** 334010CH

**Unit Credit:** 0.5

**Grade Level:** 9 - 12

Psychology is an elective survey course dedicated to the holistic study of behavior. Topics include the biological bases of behavior, the learning process, sensation and perception, motivation and personality, defense mechanisms, testing, human growth and development, abnormal psychology, and leading theorists in the field.

**Title:** Psychology H

**Course Number:** 334080HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Psychology is an elective survey course dedicated to the holistic study of behavior. Topics include the biological bases of behavior, the learning process, sensation and perception, motivation and personality, defense mechanisms, testing, human growth and development, abnormal psychology, and leading theorists in the field. At the honors level this course entails a rigorous program of reading, research, writing and analyzing based on supplemental resources and case studies. It is strongly recommended that students have Honors English placement.

**Title:** Sociology

**Course Number:** 334501CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Sociology is an elective course that examines the social, political, religious, economic, and educational institutions that affect human relationships. A study of the following will be included: techniques of sociologists, socialization, norms, roles, deviant behavior, groups, social stratification, and social change.

**Title:** Sociology

**Course Number:** 334512CH

**Unit Credit:** 0.5

**Grade Level:** 9 - 12

Sociology is an elective course that examines the social, political, religious, economic, and educational institutions that affect human relationships. A study of the following will be included: techniques of sociologists, socialization, norms, roles, deviant behavior, groups, social stratification, and social change.

**Title:** IB Psychology SL-2

**Course Number:** 334A17IW

**Unit Credit:** 1

**Grade Level:** 11 - 12

This course follows an IB-designated curriculum. In this course a variety of contemporary issues and theories are considered from different perspectives. Each approach is evaluated in terms of the contribution it has made to our general understanding of others and ourselves. An experiment is required as part of the internal assessment. SL Students will be required to take the IB Psychology SL exam in May. This is the first part of a two-year course for students who will take the IB Psychology HL exam in the senior year. PREREQUISITE: See matriculation flow chart; IB counselor placement

**Title:** Psychology HL-1

**Course Number:** 334B17IW

**Unit Credit:** 1

**Grade Level:** 11 - 12

This is the second part of the two-year course of study. It will follow an IB-designated curriculum and will expand on the topics studies in the Psychology SL course. Students will be required to complete all internal assessment assignments and take the IB Psychology HL exam in May. PREREQUISITE: See matriculation flow chart; IB counselor placement

**Title:** Psychology HL-2

**Course Number:** 334C05IW

**Unit Credit:** 1

**Grade Level:** 11 - 12

This course is the second year of a two-year sequence of study that prepares students for the IB Psychology Higher Level Exam. IB Psychology examines the interaction of biological, cognitive and sociocultural influences on human behavior, through an integrative approach. Areas of study include: Health Psychology; Abnormal Psychology Qualitative Research Methodology. Students will be required to complete a simple experimental study as part of their internal assessment. Students will take the IB Psychology HL Exam at the end of the course.

**Title:** History of the Americas HL

**Course Number:** 336C00IW

**Unit Credit:** 1

**Grade Level:** 12

This is the second of a two-course sequence that prepares students for the IB Higher Level Exam taken at the end of the senior year. Students undertake a systematic and critical study of human experience; physical, economic, and social environments and the history and development of social and cultural institutions. Students develop the ability to analyze critically and evaluate theories, concepts and arguments about individuals and societies. They learn to collect, describe and analyze, and interpret complex data and source material of history.

**Title:** IB U.S. History

**Course Number:** 336D00IW

**Unit Credit:** 1

**Grade Level:** 11

This is the first of a two-course sequence that prepares students for the IB History Higher Level Exam. Students undertake a systematic and critical study of human experience; physical, economic, and social environments and the history and development of social and cultural institutions. Students develop the ability to analyze critically and evaluate theories, concepts and arguments about individuals and societies. They learn to collect, describe and analyze, and interpret complex data and source material of history.

**Title:** AP US History

**Course Number:** 337205AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This college-level course is designed to provide students with analytic skills and factual knowledge necessary to deal critically with the issues and materials in United States History. This course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full year introductory courses. It is a survey course with extensive chronological coverage of a broad variety of topics in such special fields as economic, cultural, intellectual, and social history, in addition to political, constitutional, and diplomatic history. It is strongly recommended that students have Honors or AP English placement. Students are required to take the AP United States History exam in May. If taken in place of U.S. History or U.S. History Honors students must also take the state-required end-of-course test as the final exam. It will count 20% of the final grade. U.S. History is required for graduation. PREREQUISITE: Social Studies teacher recommendation

**Title:** AP US Government

**Course Number:** 337305AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This college-level course covers the following major content areas: constitutional underpinnings of United States government; political beliefs and behaviors; political parties, interest groups and mass media; institutions of national government, the Congress, the presidency, the bureaucracy, and the federal courts; public policy; and civil rights and civil liberties. It is strongly recommended that students have Honors or AP English placement and U.S. Government Honors as a prerequisite. Students are required to take the AP exam in May. PREREQUISITE: Social Studies teacher recommendation

**Title:** AP Macroeconomics

**Course Number:** 337405AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This college-level course covers basic economic concepts, measurement of economic performance, national income, and price determination, international economics, and growth. Students are required to take the AP examination. It is strongly recommended that students have Honors or AP English placement or Honors Algebra. This course meets the Economics requirement for graduation. PREREQUISITE: Social Studies teacher recommendation

**Title:** AP World History

**Course Number:** 337705AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This college-level course is designed to provide students with an in-depth understanding of the changes in global processes, human societies and their interaction throughout time. It focuses on the nature of changes and their consequences in international frameworks as well as comparisons among major societies. Although focused primarily on the past thousand years of the global experience, the course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage prior to 1000 AD. It is strongly recommended that students have Honors or AP English placement. Students are required to take the AP examination in May. This course may take the place of Global Studies 2 CP. PREREQUISITE: Social Studies teacher recommendation

**Title:** AP Human Geography

**Course Number:** 337905AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This college-level course is designed to allow students to study in depth the nature and perspectives of geography, population, cultural patterns and processes, political spatial organization, agricultural and rural land use, industrialization and economic development, and cities/urban land use. Students are required to take the AP exam in May. This course may take the place of Global Studies 1 or Global Studies 2. **PREREQUISITE:** Social Studies teacher recommendation

**Title:** American Wars

**Course Number:** 339946CH

**Unit Credit:** 0.5

**Grade Level:** 9 - 12

This elective course explores the causes, events, and results of the United States involvement in World War I, World War II, The Korean War, and the Vietnam Conflict. Students will compare motives, strategies, and consequences of each conflict.

**Title:** AP Psychology

**Course Number:** 437105AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This college-level course includes methods approaches and history of psychology; bases of behavior; sensation and perception; states of consciousness; learning; cognition; motivation and emotion; developmental psychology; personality; testing and individual differences; abnormal psychology; treatment of psychological disorders; and social psychology. Students are required to take the AP exam in May. **PREREQUISITE:** Social Studies teacher recommendation

## Arts

**Title:** Art 1

**Course Number:** 350101CW

**Unit Credit:** 1

**Grade Level:** 7 - 12

This introductory course provides students with problem-solving experiences in two and three-dimensional media, stressing design elements (line, shape, form, value, color, space, and texture), and design principles, (proportion, emphasis, harmony/unity, balance, rhythm/movement, contrast repetition/ pattern, and variety). Emphasis is on the development of basic skills. **PREREQUISITE:** None

**Title:** Art 2

**Course Number:** 350201CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course provides students with two and three-dimensional design experiences and opportunities to apply these principles in individual artistic expressions. Drawing from observation and developing technical competency are emphasized. Periodic class critiques and the maintenance of a sketchbook and portfolio are required. Topics covered include but are not limited to portraiture, graphics, advertising, and display techniques. **PREREQUISITE:** Art 1 or another Visual Arts course

**Title:** Art 3 H

**Course Number:** 350303HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This is an advanced-level course for in-depth approaches to solving two and three-dimensional design problems. Emphasis is on the individual development of craftsmanship and personal expression. Advanced approaches to drawing are stressed. Other techniques explored may include but are not limited to painting, printmaking, design, mixed media, ceramics, and sculpture. Students in this course will be required to work with more intensity, at a deeper level, and produce a wider range of more difficult and complex material. **PREREQUISITE:** Art 2 and Instructor approval

**Title:** Art 4 H

**Course Number:** 350403HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This advanced art course emphasizes individualized exploration of specific art problems. The course content is contractual and meets the interests and needs of individual students. A sketchbook and periodic critiques are required. Students develop and maintain professional quality portfolios. This course prepares students for Advanced Placement studio courses. Media and techniques explored may include but are not limited to painting, printmaking, design, mixed media, ceramics, and sculpture. Students in this course will be required to work with more intensity, at a deeper level, and produce a wider range of more difficult and complex material. **PREREQUISITE:** Art 3 H and Instructor approval

**Title:** IB Visual Arts SL-2

**Course Number:** 351A17IW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course will follow an IB-designated curriculum and will involve an in-depth development of personal expression and application of knowledge. The course will include practice in the various media, the acquisition of techniques, and the ability to relate art to its historical and social contexts. PREREQUISITE: See matriculation flow chart; IB counselor placement

**Title:** Visual Arts HL-1

**Course Number:** 351C17IW

**Unit Credit:** 1

**Grade Level:** 11 - 12

This is the first part of a two-year program of study. This course will follow an IB-designated curriculum and will involve an in-depth development of personal expression and application of knowledge. The course will include practice in the various media, the acquisition of techniques, and the ability to relate art to its historical and social contexts. Students will devote time to the required research workbooks and will be expected to include records of experimental studio research that relate to the traditions, techniques, or art/design forms selected for study. This course is required for students who will take the IB Art HL exam in the senior year. PREREQUISITE: See matriculation flow chart; IB counselor placement

**Title:** Visual Arts HL-2

**Course Number:** 351D17IW

**Unit Credit:** 1

**Grade Level:** 11 - 12

This is the second part of a two-year program of study. The course will follow an IB-designated curriculum and students will be expected to demonstrate an inquiring attitude towards a variety of visual phenomena, expressed in persistent research and regular studio work; imaginative and creative thinking; an appreciation of the medium and technical problems encountered in studio practice; the acquisition of sufficient technical skill to produce some work of quality; and an ability to select and represent their own work appropriately. Both the practical work and research workbooks will be assessed by a representative of the IB Organization in April PREREQUISITE: See matriculation flow chart; IB counselor placement

**Title:** Marching Band 1

**Course Number:** 353101CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course emphasizes basic musicianship and performance techniques on individual woodwind brass and percussion instruments. Students concentrate on developing technique, breath control, tone quality, range, and proper posture. Students participate in small and large ensembles, in which quality traditional and contemporary literature reinforce important musical concepts. Students also receive instruction in marching band fundamentals and apply them to field performance. PREREQUISITE: Participation in the middle school program or private study.

**Title:** Instrumental Music: Band 1

**Course Number:** 353102CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

This course emphasizes basic musicianship and performance techniques on individual woodwind brass and percussion instruments. Students concentrate on developing technique breath control tone quality range and proper posture. Students participate in small and large ensembles in which quality traditional and contemporary literature reinforce important musical concepts. The major emphasis of this course is on traditional concert literature. Students will have the opportunity to perform as soloists and members of ensembles. PREREQUISITE: Participation in the middle school program or private study and teacher recommendation

**Title:** Marching Band 2

**Course Number:** 353201CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is a continuation of Band 1. Students increase both their technical and musical development through concentration on the elements of music. Small ensemble participation is emphasized and students expand their understanding of wind literature through large ensemble participation. The fundamentals of marching band are reviewed and opportunities are available to students for section leadership responsibilities. PREREQUISITE: Band 1 or another Instrumental Music course

**Title:** Instrumental Music: Band 2

**Course Number:** 353202CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is a continuation of Instrumental Music Band 1. Instruction will focus on the performance of high quality wind band literature. Students will be expected to demonstrate mastery of musical concepts taught. Since this is a curricular class and rehearsals, concerts and music events outside of the regular school day are an extension of the learning that has occurred in class they are a required component and will be a portion of the overall grade. **PREREQUISITE:** Any first level Instrumental Music course and Instructor Approval

**Title:** Marching Band 3

**Course Number:** 353301CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is a continuation of Band 2. Students continue their technical development and give attention to the development of musical interpretation. Exposed to music of various styles and periods students increase their understanding of the elements of music through music literature. They review marching band fundamentals and apply them to field performance. Students may assume additional leadership responsibilities. **PREREQUISITE:** Any second level Instrumental Music course and Instructor approval

**Title:** Instrumental Music: Band 3 (H)

**Course Number:** 353302HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is a continuation of Symphonic Band 2. Students continue their technical development and give attention to the development of musical interpretation. Exposed to music of various styles and periods students increase their understanding of the elements of music through music literature. They review concert fundamentals and apply them to performance. Students may assume additional leadership responsibilities. Students in this course will work with more intensity, at a deeper level, and produce a wider range of more difficult and complex material. **PREREQUISITE:** Any second level Instrumental Music course and Instructor approval

**Title:** Marching Band 4

**Course Number:** 353401CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is a continuation of Band 3. Students receive small group instruction and experience in playing superior chamber music and wind band literature. Their program of study stresses the value of music as a leisure time activity. Students may be offered opportunities for important leadership positions. **PREREQUISITE:** Any third level Instrumental Music course and Instructor approval

**Title:** Instrumental Music: Band 4 (H)

**Course Number:** 353402HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is a continuation of Band 3. The emphasis is on concert performance. Students receive small group instruction and experience in playing superior chamber music and wind band literature. Their program of study stresses the value of music as a leisure time activity. Students may be offered opportunities for important leadership positions. Students in this course will be required to work with more intensity, at a deeper level, and produce a wider range of more difficult and complex material. **PREREQUISITE:** Any third level Instrumental Music course and Instructor approval

**Title:** Chorus 1

**Course Number:** 354101CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

This is a non-auditioned course open to all students. This course emphasizes the development of basic vocal techniques and skills including: good posture, tone quality, breath support, diction, and attack and release. Attention is given to the understanding and practice of basic elements of music including music reading skills. Students may have the opportunity to sing in foreign languages while studying a variety of styles of choral music. Vocal independence is emphasized in the performance opportunities that will be given. This is considered a beginning level class and students will have the opportunity to audition for advanced choral classes after completing Chorus 1. **PREREQUISITE:** None

**Title:** Chorus 2

**Course Number:** 354201CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This is a non-auditioned course open to all students. This course emphasizes the development of basic vocal techniques and skills including: good posture, tone quality, breath support, diction, and attack and release. Attention is given to the understanding and practice of basic elements of music including music reading skills. Students may have the opportunity to sing in foreign languages while studying a variety of styles of choral music. Vocal independence is emphasized in the performance opportunities that will be given. This is considered a beginning level class and students can audition for advanced choral classes in the future. **PREREQUISITE:** Chorus 1

**Title:** Chorus 3 H

**Course Number:** 354303HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This is a non-auditioned course open to all students. This course emphasizes the development of basic vocal techniques and skills including: good posture, tone quality, breath support, diction, and attack and release. Attention is given to the understanding and practice of basic elements of music including music reading skills. Students may have the opportunity to sing in foreign languages while studying a variety of styles of choral music. Vocal independence is emphasized in the performance opportunities that will be given. This is considered a beginning level class and students can audition for advanced choral classes in the future. PREREQUISITE: Chorus 2 and Instructor Approval

**Title:** Chorus 4 H

**Course Number:** 354403HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This is a non-auditioned course open to all students. This course emphasizes the development of basic vocal techniques and skills including: good posture, tone quality, breath support, diction, and attack and release. Attention is given to the understanding and practice of basic elements of music including music reading skills. Students may have the opportunity to sing in foreign languages while studying a variety of styles of choral music. Vocal independence is emphasized in the performance opportunities that will be given. This is considered a beginning level class and students can audition for advanced choral classes in the future. PREREQUISITE: Chorus 3 H or Chorus 3

**Title:** Chorus 5 (H)

**Course Number:** 3545A1HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This is a non-auditioned course open to all students. This course emphasizes the development of basic vocal techniques and skills including: good posture, tone quality, breath support, diction, and attack and release. Attention is given to the understanding and practice of basic elements of music including music reading skills. Students may have the opportunity to sing in foreign languages while studying a variety of styles of choral music. Vocal independence is emphasized in the performance opportunities that will be given. This is considered a beginning level class and students can audition for advanced choral classes in the future. PREREQUISITE: Chorus 4 H or Chorus 4

**Title:** Orchestra/strings 1

**Course Number:** 355101CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

This course is a supplementary experience for students with superior musical talents. This course emphasizes basic musicianship on individual strings or orchestra instruments. Students concentrate on developing technique, tone quality, range, and proper posture. Students receive concentrated instruction in performance techniques and have the opportunity to apply them through solo performance and chamber ensemble participation. PREREQUISITE: Participation in the middle school program or private study and teacher recommendation

**Title:** Orchestra/strings 2

**Course Number:** 355201CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is a supplementary experience for students with superior musical talents. This course emphasizes basic musicianship on individual strings or orchestra instruments. Students concentrate on developing technique, tone quality, range, and proper posture. Students receive concentrated instruction in performance techniques and have the opportunity to apply them through solo performance and chamber ensemble participation. PREREQUISITE: Any first level Instrumental Music course and teacher recommendation

**Title:** Orchestra/strings 3 H

**Course Number:** 355303HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is a supplementary experience for students with superior musical talents. This course emphasizes basic musicianship on individual strings or orchestra instruments. Students concentrate on developing technique, tone quality, range, and proper posture. Students receive concentrated instruction in performance techniques and have the opportunity to apply them through solo performance and chamber ensemble participation. Students in this course will be required to work with more intensity, at a deeper level, and produce a wider range of more difficult and complex material. PREREQUISITE: Any second level Instrumental Music course and Instructor Approval

**Title:** Orchestra/strings 4 H

**Course Number:** 355403HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is a supplementary experience for students with superior musical talents. This course emphasizes basic musicianship on individual strings or orchestra instruments. Students concentrate on developing technique, tone quality, range, and proper posture. Students receive concentrated instruction in performance techniques and have the opportunity to apply them through solo performance and chamber ensemble participation. They may have the opportunity to audition for the district orchestras to study and perform literature for full orchestra. Students in this course will be required to work with more intensity, at a deeper level, and produce a wider range of more difficult and complex material. **PREREQUISITE:** Any third level Instrumental Music course and Instructor Approval

**Title:** Music Appreciation 1

**Course Number:** 356101CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course emphasizes the study of composers and styles of each period of music from the Renaissance to the Twentieth Century. The development of listening skills is of primary importance and the course includes guided listening experiences through live concerts and recordings. The course stresses literature from the mainstream of music and music of different cultures and ethnic groups. **PREREQUISITE:** None

**Title:** IB Music SL-2

**Course Number:** 356A17IW

**Unit Credit:** 1

**Grade Level:** 11 - 12

This is the first part of a two-year program of study. This course will follow an IB-designated curriculum and include the study of the period of history from 1550 to the present. Students will examine music from a variety of cultures apart from the western tradition. This course will prepare students for the IB Music SL exam, which includes listening, written, and performance components. Students will be required to take the IB Music SL exam in May. This course is required for students who will take the IB Music HL exam in the senior year. **PREREQUISITE:** See matriculation flow chart; IB counselor placement

**Title:** Music HL-1

**Course Number:** 356B17IW

**Unit Credit:** 1

**Grade Level:** 11 - 12

This is the first part of a two-year program of study. This course will follow an IB-designated curriculum and include the study of the period of history from 1550 to the present. Students will examine music from a variety of cultures apart from the western tradition. This course will prepare students for the IB Music SL exam, which includes listening, written, and performance components. Students will be required to take the IB Music SL exam in May. This course is required for students who will take the IB Music HL exam in the senior year. **PREREQUISITE:** See matriculation flow chart; IB counselor placement

**Title:** Music HL-2

**Course Number:** 356C17IW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This is the second year of a two-year program of study that includes performance, composition, western music history, theory, and ear training. In addition to a more in-depth examination of the topics studied in IB Music SL, students will prepare a portfolio of original compositions. Students will be required to take the IB Music HL exam, which includes listening, written, and performance components in May. **PREREQUISITE:** See matriculation flow chart; IB counselor placement

**Title:** AP Art History

**Course Number:** 357105AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This college-level course in the history of art for highly motivated students is to (1) introduce students to the understanding and enjoyment of works of arts (2) develop students' ability to examine critically works of art (3) acquaint students with the major forms of artistic expression and (4) engender an understanding of art in a cultural and historical framework. Students taking this course are required to take the AP Art History examination in May. **PREREQUISITE:** Teacher recommendation

**Title:** Theatre 1 (H)

**Course Number:** 452100HW

**Unit Credit:** 1

**Grade Level:** 8 - 12

This honors level course is designed for the serious-minded theatre student who plans to engage in further instruction in theatre, whether as a performer, scholar, designer, or technician. Students will engage in exploration of theatre practice, performance technique, theatre history and conventions, design and production, and playmaking. Through individual and group research, project-based units, collaborative practice, as well as peer and self-evaluation, students will build foundational awareness of the rigors of theatrical practice, establish a critical vocabulary, and gain a working knowledge of the tenets of the art form throughout history and in contemporary practice.

**Title:** Theatre 1

**Course Number:** 452101CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

In this course students will develop basic skills and techniques of set design, acting, and directing and will participate in all aspects of a production. Intense study of a variety of plays and dramatic forms will be included. Students may be required to attend plays as assigned by the teacher/director. PREREQUISITE: None

**Title:** Theatre 2 (H)

**Course Number:** 452200HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This honors level course is designed for the serious-minded theatre student who plans to engage in further instruction in theatre, whether as a performer, scholar, designer, or technician. Students will engage in exploration of theatre practice, performance technique, theatre history and conventions, design and production, and playmaking. Through individual and group research, project-based units, collaborative practice, as well as peer and self-evaluation, students will build foundational awareness of the rigors of theatrical practice, establish a critical vocabulary, and gain a working knowledge of the tenets of the art form throughout history and in contemporary practice.

**Title:** Theatre 2

**Course Number:** 452201CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course will enable students to study the history of theater and to participate in discussions and performances representative of various periods and styles of theatre. The emphasis will be on the development of techniques of acting, set design, and construction, and creation of costumes. PREREQUISITE: Drama 1

**Title:** Theatre 3 H

**Course Number:** 452303HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course will provide advanced study in technical theatre techniques - such as make up lighting set costume design and acting techniques. Literature from American and continental playwrights is studied, analyzed, and produced. Students in this course will be required to work with more intensity, at a deeper level, and perform/produce a range of more difficult material. PREREQUISITE: Drama 2 and Instructor approval

**Title:** Theatre 4 H

**Course Number:** 452403HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

In this course the student will study and analyze plays of representative playwrights from Shakespeare through twentieth century writers. Contemporary plays will be studied and produced. Advanced acting and technical techniques will be studied and applied in a production. Each participant will work as actor, director, and technician. Students in this course will be required to work with more intensity, at a deeper level, and produce/perform a range of more difficult material. PREREQUISITE: Drama 3 H and Instructor approval

**Title:** Technical Theatre Arts

**Course Number:** 452500CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is designed to introduce students to aspects of technical theatre, including design (computer-aided design in set, lighting, and sound) construction techniques (recognizing and using tools safely), production elements (including stage management and production management), scene painting, costuming, and make-up. PREREQUISITE: Instructor approval

**Title:** IB Theater Arts HL-1

**Course Number:** 452B17IW

**Unit Credit:** 1

**Grade Level:** 11 - 12

This is the first of a two-year program of study that will prepare students for the IB Theatre HL Exam. The IB theatre course is multifaceted and gives students the opportunity to actively engage in theatre as creators, designers, directors and performers. Students will: 1) reflect, analyze and critique theatre performances encompassing both world studies and play productions, 2) experience a wide range of theatre activities from their own and different cultures and develop proficiency in more than one area of theatre technique, 3) explore various theatre traditions within their historical contexts, 4) delve deeper into their personal research and practice in theatre to extend their understanding of the ideas, practices and concepts encountered in the course; 5) evaluate the relevance of selected research sources to personal practice, and they will demonstrate an understanding of the complex processes of performance, from initial conception to the final impact the production leaves on spectators.

**Title:** IB Theater Arts HL-2

**Course Number:** 452C17IW

**Unit Credit:** 1

**Grade Level:** 11 - 12

This is the second of a two-year program of study that prepares students for the IB Theatre HL Exam. IB students explore and express culture, arts, society, and the world through intellectual, kinesthetic, and sensory experiences. Students will: 1) reflect, analyze and critique theatre performances encompassing both world studies and play productions, 2) experience a wide range of theatre activities from their own and different cultures and develop proficiency in more than one area of theatre technique, 3) explore various theatre traditions within their historical contexts, 4) delve deeper into their personal research and practice in theatre to extend their understanding of the ideas, practices and concepts encountered in the course; 5) evaluate the relevance of selected research sources to personal practice, and they will demonstrate an understanding of the complex processes of performance, from initial conception to the final impact the production leaves on spectators. Students take the corresponding IB exam in May of the year during which the course is taken.

**Title:** Jazz Band 1

**Course Number:** 453101CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is a supplementary experience for students with superior musical talents. Students study either jazz or small ensemble literature as indicated by class designation. The elements of music, proper tone quality, production, music reading, and small ensemble skills, as they relate to style, are emphasized. PREREQUISITE: Participation in the middle school program or private study and instructor approval

**Title:** Piano 1

**Course Number:** 454101CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

The beginning and intermediate study of piano technique will include classical and contemporary styles of music, while using standard musical notation. PREREQUISITE: None

**Title:** Art - Ceramics 1

**Course Number:** 456100CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is a study of ceramic art. Emphasis is on techniques in wheel throwing and hand-building. Students will spend some time exploring the hand-building techniques of pinch, coil, slab, and press-molding with emphasis on imagery and design. Some time will be devoted to the potter's wheel as a forming tool. Forms are approached from simple to complex and small to large. Students learn to mix clay and glaze, load, and fire kilns. PREREQUISITE: Art 1 and teacher recommendation.

**Title:** Art - Ceramics 3 (H)

**Course Number:** 456300HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is a study of ceramic art. Emphasis is on techniques in wheel throwing and hand-building. Students will spend some time exploring the hand-building techniques of pinch, coil, slab, and press-molding with emphasis on imagery and design. Some time will be devoted to the potter's wheel as a forming tool. Forms are approached from simple to complex and small to large. Students learn to mix clay and glaze, load, and fire kilns. PREREQUISITE: Ceramics 2 and Teacher Recommendation.

**Title:** Percussion 1

**Course Number:** 458300CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Students will learn basic fundamentals of playing marching percussion, concert percussion, mallets, drum set, auxiliary percussion and world percussion. Instruction will focus on correct playing techniques, developing sight reading skills and preparing for large scale performances. Students enrolled in any level of Percussion will be expected to participate in rehearsals and performances outside of the regular school day. Prerequisite: Middle school band experience, audition or high school band director's approval.

**Title:** Orchestra/strings 5 H

**Course Number:** 459901HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This class is designed for students who are advanced and experienced in playing violin, viola, cello, or bass. Students must have completed four or more years of prior high school strings instruction. Focus is on solo and ensemble development in orchestral literature. Students in this course will be required to work with more intensity, at a deeper level, and produce a wider range of more difficult and complex material. PREREQUISITE: Any fourth level Instrumental Music course and Instructor Approval

**Title:** Digital Media Arts

**Course Number:** 459906CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is an introduction to computer software and skills used in the business of the arts for visual arts students. Each technology exercise will include two-dimensional design exercises with specific formal design problems to be solved. Content will include learning to create an exhibit poster, a digital portfolio, a CD cover, and other digital presentations of artwork. PREREQUISITE: None

**Title:** Chorus Ens 1

**Course Number:** 459914CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This class is designed to be an auditioned, large, mixed-ensemble group that performs at the intermediate level. This course is a supplementary experience for advanced chorus students with superior vocal talents. Students study a wide variety of music including: Renaissance, vocal jazz, contemporary and popular music, as well as traditional standard choral repertoire. They continue to practice proper tone quality production, music reading, sight-singing, ear training, and vocal flexibility as related to the style performed. In addition, students will also create and demonstrate choreography for selected repertoire. After school rehearsals and performances are part of the course and are considered an extension of the classroom. PREREQUISITE: Chorus 1 and Teacher Recommendation

**Title:** Music Theory Apps

**Course Number:** 459915CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course instructs students in the basics of music theory and emphasizes scales, chords, inversions, keys, traditional harmony, ear training, sight singing, and dictation. Students write musical exercises utilizing figured bass and study basic keyboard skills. PREREQUISITE: None

**Title:** Vocal Perf 1

**Course Number:** 459954CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This group is an auditioned, small, advanced ensemble that can be configured to meet the needs of the school (Example: Men's Group, Women's Group, Advanced Mixed Group, etc.). This course is a continuation of previous vocal studies. It is an advanced emphasis on the development and mastery of sound vocal techniques, comprehensive musicianship and vocal independence. It is a supplementary experience for advanced chorus students with superior vocal talents. Students study a wide variety of music including: Renaissance, vocal jazz, contemporary and popular music, as well as traditional standard choral repertoire. They continue to practice proper tone quality production, music reading, sight-singing, ear training, and vocal flexibility as related to the style performed. In addition, students will also create and demonstrate choreography for selected repertoire. After school rehearsals and performances are part of this course and are considered an extension of the classroom.. PREREQUISITE: Chorus 1 and teacher recommendation

**Title:** Play Production

**Course Number:** 459977CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Students will develop basic design skills and techniques for the stage. Areas such as makeup, costume, set design and construction, lighting, sound publicity, and stage management will be studied. Student activities will include support of Drama department productions. Attendance at performances may be mandatory. PREREQUISITE: Instructor approval

**Title:** Musical Theatre

**Course Number:** 459981CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Emphasis will be on American musical theatre history, composers and lyricists, acting, and singing styles for the musical. Participation in the school musical may be required. Students will create original mini-musicals and perform them for an audience. PREREQUISITE: Instructor approval

**Title:** Technical Theatre Arts 2

**Course Number:** 4599B4CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This second level course is designed to continue teaching students to aspects of technical theatre, including design (computer-aided design in set, lighting, and sound) construction techniques (recognizing and using tools safely), production elements (including stage management and production management), scene painting, costuming, and make-up. PREREQUISITE: Instructor approval

**Title:** Technical Theatre Arts 3 (H)

**Course Number:** 4599B5HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This third level course is designed to continue teaching students to aspects of technical theatre, including design (computer-aided design in set, lighting, and sound) construction techniques (recognizing and using tools safely), production elements (including stage management and production management), scene painting, costuming, and make-up. PREREQUISITE: Instructor approval

**Title:** ColorGuard 1

**Course Number:** 4599C1CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Students will learn skills utilized in color guard that include: movement basics, equipment basics on flag and rifle, dance technique, performance observation and analysis, basic design and choreography. Students enrolled in any level of Color Guard will also be expected to participate in rehearsals and performances outside of the regular school day. Prerequisite: Audition or high school band director's approval

## Foreign Language

**Title:** French 1 CP

**Course Number:** 361107CW

**Unit Credit:** 1

**Grade Level:** 7 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice high to intermediate low range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture.

PREREQUISITES: None

**Title:** French 2 CP

**Course Number:** 361207CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice high to intermediate low range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture.

PREREQUISITES: Successful completion of French 1

**Title:** French 3 H

**Course Number:** 361303HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the intermediate mid to high range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture. PREREQUISITES: Successful completion of French 2 CP and teacher recommendation

**Title:** French 3 CP

**Course Number:** 361307CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the intermediate mid to high on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture. PREREQUISITES: Successful completion of French 2

**Title:** French 4 H

**Course Number:** 361403HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the intermediate mid to high range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture. PREREQUISITES: Successful completion of French 3 Honors and teacher recommendation

**Title:** IB French B SL-2

**Course Number:** 361G17IW

**Unit Credit:** 1

**Grade Level:** 11 - 12

This is the second year of a two-year program of study that will emphasize the active use of language for oral and written communication. It is designed to increase fluency in oral and written work, develop reading comprehension skills in order to study and analyze non-technical and literary pieces on a variety of life topics, and expand accuracy in grammatical structures. Student will continue to gain insight into the target culture. PREREQUISITE: See matriculation flow chart; IB counselor placement

**Title:** Latin 1 CP

**Course Number:** 363107CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas on a variety of topics; and understand the relationship among the products, practices and perspectives of Roman and other cultures. PREREQUISITES: None

**Title:** Latin 2 CP

**Course Number:** 363207CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas on a variety of topics; and understand the relationship among the products, practices and perspectives of Roman and other cultures. PREREQUISITES: Successful completion of Latin 1 CP

**Title:** Spanish 1 CP

**Course Number:** 365107CW

**Unit Credit:** 1

**Grade Level:** 7 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice high to intermediate low range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture. PREREQUISITES: None

**Title:** Spanish 2 CP

**Course Number:** 365207CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice high to intermediate low range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture. PREREQUISITES: Successful completion of Spanish 1

**Title:** Spanish 2 Honors

**Course Number:** 365274HW

**Unit Credit:** 1

**Grade Level:** 8 - 12

Spanish 2 Honors prepares students to perform interpersonal, interpretive and presentational communicative tasks within the novice high to intermediate low range on the ACTFL Proficiency scale; interpret, exchange, and present information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture.

**Title:** Spanish 3 H

**Course Number:** 365303HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the intermediate mid to high range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture. PREREQUISITES: Successful completion of Spanish 2 CP and teacher recommendation

**Title:** Spanish 3 CP

**Course Number:** 365307CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the intermediate mid to high on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture. PREREQUISITES: Successful completion of Spanish 2

**Title:** Spanish 3 (Pre-IB)

**Course Number:** 365315HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the intermediate mid to high range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, this course prepares students for enrollment in IB Spanish through the exploration of IB themes and IB formatted assessments. PREREQUISITES: Successful completion of Spanish 2 CP, intent to pursue IB Spanish, and teacher recommendation.

**Title:** Spanish 4 H

**Course Number:** 365403HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the intermediate mid to high range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture. PREREQUISITES: Successful completion of Spanish 3 Honors and teacher recommendation

**Title:** IB Spanish B SL-2

**Course Number:** 365G17IW

**Unit Credit:** 1

**Grade Level:** 11 - 12

This is the second year of a two-year program of study that will emphasize the active use of language for oral and written communication. It is designed to increase fluency in oral and written work, develop reading comprehension skills in order to study and analyze non-technical and literary pieces on a variety of life topics, and expand accuracy in grammatical structures. Student will continue to gain insight into the target culture. The target language will be used exclusively in the course. Students will be required to take the IB Spanish SL exam in May. PREREQUISITE: See matriculation flow chart; IB counselor placement

## Physical Education

**Title:** Personal Health and Wellness

**Course Number:** 340201CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This elective course focuses on teaching students the information and the skills needed to become health literate, maintain and improve personal health, prevent disease, and reduce health-related related risk behaviors as outlines in the SC Health and Safety Curriculum Standards. The course content areas include Personal Health and Wellness, Nutritional Choices, Mental Health, Preventing Injuries, Alcohol, Tobacco, and Other Drugs and Family Living. PREREQUISITE: None

**Title:** Physical Education 1

**Course Number:** 344101CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

Physical Education 1 provides opportunities for students to become competent and proficient in two movement forms elected from a variety of choices (selected from: net/racket, target, team, outdoor pursuits, individual, and dance). Students will also be able to design and develop a personalized physical fitness program, participate regularly in health-enhancing physical activity beyond the physical education class, and meet the gender and age group health-related physical fitness standards. PE 1 is required for graduation. PREREQUISITE: None

**Title:** PhysicalEducation2

**Course Number:** 344257CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This is a second level physical education course designed to give the student the opportunity to learn a nontraditional sport or physical activity not practiced or taught in any other PE course at the school. This course does not count as a PE 1 unit for graduation. PREREQUISITE: PE 1

**Title:** Weightlifting 1

**Course Number:** 3499A1CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This is an introductory elective course in weight training and fitness. Skills will be taught with a focus on weight training, related cardiovascular fitness activity, and lifelong fitness. Proper lifting technique and safety using weights will be emphasized. This course does not take the place of PE 1 as a requirement for graduation. PREREQUISITE: Physical Education 1A

**Title:** Weightlifting 2

**Course Number:** 3499A2CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Weightlifting Level 1 and Instructor Approval

**Title:** Adv Weightlifting 2

**Course Number:** 3499A5CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This elective course is a follow-up to Advanced Weightlifting Level 1 for the intermediate athlete who wishes to increase his/her speed, conditioning, strength, and endurance. This course does not take the place of the required PE 1 for graduation. PREREQUISITE: Advanced Weightlifting Level 1, and teacher recommendation.

**Title:** Leisure Sports/Act 1

**Course Number:** 3499A8CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This elective is designed to teach skills necessary to enjoy a lifetime of activity in sports that will enhance the student's health and personal fitness. This course does not take the place of the required PE 1 for graduation. PREREQUISITE: Physical Education 1

**Title:** Leisure Sports/Act 2

**Course Number:** 3499A9CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This elective course is a follow-up to Leisure Sports and Activities Level 1 for the student who wants to increase skills necessary to enjoy a lifetime of activity in sports that will enhance the student's health and personal fitness. This course does not take the place of the required PE 1 for graduation. PREREQUISITE: Leisure Sports 1

**Title:** Team Sports 1

**Course Number:** 3499B3CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This elective course is designed to enhance the skills necessary to compete in a variety of athletic events on the high school level. This course does not take the place of the required PE 1 for graduation. PREREQUISITE: PE 1 and teacher recommendation.

**Title:** Team Sports 2

**Course Number:** 3499B4CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This elective course is a follow-up to Team Sports Level 1 for the student who wishes to increase the skills necessary to compete in a variety of athletic events on the high school level. This course does not take the place of the required PE 1 for graduation. PREREQUISITE: Team Sports Level 1 and teacher recommendation.

**Title:** Team Sports 3

**Course Number:** 3499B5CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This elective course is a follow-up to Team Sports Level 2 for the student who wishes to increase the skills necessary to compete in a variety of athletic events on the high school level. This course does not take the place of the required PE 1 for graduation. PREREQUISITE: Team Sports Level 2 and teacher recommendation.

**Title:** Team Sports 4

**Course Number:** 3499B6CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This elective course is a follow-up to Team Sports Level 3 for the student who wishes to increase the skills necessary to compete in a variety of athletic events on the high school level. This course does not take the place of the required PE 1 for graduation. PREREQUISITE: Team Sports Level 3 and teacher recommendation.

## Career and Technology

**Title:** Accounting1

**Course Number:** 500101CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is designed to help the student develop the skills necessary for the highly technical interaction between accounting and business, to develop an understanding of the steps of the accounting cycle as applied to several different kinds of business operations, and to develop an understanding of accounting concepts, principles, and practices. Use of the computer in simulated activities gives the student an opportunity to see the advantages of technology in accounting procedures. PREREQUISITE: Completion of Algebra 1 or equivalent and/or teacher recommendation

**Title:** Integrated Business Applications 1

**Course Number:** 502002CW

**Unit Credit:** 1

**Grade Level:** 10 - 12

This course is designed to teach students software applications that are necessary to live and work in a technological society. The applications covered include word processing, database, spreadsheet, and presentation. Other content areas may include computer hardware, terminology, and concepts.

**Title:** Fundamentals of Computing

**Course Number:** 502305CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

This course of study is designed to allow students to explore a variety of computer science topics, such as web design, human computer interactions, programming, and problem solving. Optional topics include mobile applications, robotics, and digital animation. Students will develop critical thinking, logic, and problem solving skills relevant to today's technology.

**Title:** Fundamentals of Web Page Design/Dev

**Course Number:** 503101CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is designed to provide the student with the knowledge and skills needed to design Web pages. Students will develop skills in designing, implementing, and maintaining a Web site using authoring tools. Successful completion of this course will prepare the student to take industry certification test(s). This course will meet the computer science requirement.

**Title:** Social Media Marketing **Course Number:** 5034A1CW  
**Unit Credit:** 1  
**Grade Level:** 9 - 12  
This course introduces students to the current field of social media and prepares them to explore and create successful social media strategies for businesses. It gives students the knowledge, tools, and methods to use different social media tools and networks in a business environment.

**Title:** BusinessLaw **Course Number:** 504401CW  
**Unit Credit:** 1  
**Grade Level:** 9 - 12  
This course is designed to provide the student with knowledge of the legal environment in which a consumer operates, the legal environment in which business operates, and basic legal principles. PREREQUISITE: None

**Title:** FundBus/Mktg/Fin **Course Number:** 509001CW  
**Unit Credit:** 1  
**Grade Level:** 9 - 12  
This course is designed to encourage students to pursue successful careers in business, marketing, and finance. Students will gain a basic understanding of business operations and management concepts. This course will increase students' knowledge about corporate enterprise and its role in a global society. PREREQUISITE: None

**Title:** BusPrinciples & Mgmt **Course Number:** 509200CW  
**Unit Credit:** 1  
**Grade Level:** 9 - 12  
Students in Business Principles and Management will develop a foundation in the many activities, problems, and decisions that are intrinsic to the management of a successful business, as well as an appreciation for the importance of these responsibilities. Areas to be examined include business organization, ethical and legal responsibilities, communication, decision-making, personnel, safety, professional development and related careers. By gaining an understanding of these areas, students will be better prepared to enhance the business decisions of tomorrow.

**Title:** Prof & Leadership Dev **Course Number:** 517803CW  
**Unit Credit:** 1  
**Grade Level:** 9 - 12  
The purpose of this course is to help students develop leadership skills necessary for success in business careers through effective communications, problem-solving techniques, and managing resources and meetings. The students will develop an understanding of the need for community service as part of their overall civic and professional responsibilities.

**Title:** BusinessFinance **Course Number:** 527300CW  
**Unit Credit:** 1  
**Grade Level:** 9 - 12  
This course is designed to provide students with a foundation in corporate business finance concepts and applications including fundamentals, financial environment, management planning, maintenance and analysis of financial records, long and short term financial activities, financial business activities, financial institutions and banking services, consumer credit, business insurance, technology and financial management, and international finance. PREREQUISITE: Accounting 1 recommended

**Title:** Entrepreneurship **Course Number:** 540001CW  
**Unit Credit:** 1  
**Grade Level:** 9 - 12  
This course is designed to provide students with the knowledge and skills leading to the development of a business plan for small business ownership. An important part of the course will be the incorporation of marketing, staffing, and financial considerations.

**Title:** Marketing **Course Number:** 542101CW  
**Unit Credit:** 1  
**Grade Level:** 9 - 12  
This course introduces marketing concepts and examines the economic, marketing, and business fundamentals, in addition to the marketing functions of selling, promotion, and distribution. The standards listed are core standards and those standards reflecting the needs of the local business community. This is the basic course in the marketing curriculum and should be taken before the specialized courses.  
PREREQUISITE: None

**Title:** Sports/EntertainMktg

**Course Number:** 542501CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This program is for students who wish to pursue careers in the various areas of the sports industry. This includes careers in box office, group sales, public sales, marketing, operations, development and sports programming. PREREQUISITE: None

**Title:** MarketingMgmt

**Course Number:** 543101CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course continues the analysis of the marketing functions by examining human resource foundations, marketing and business fundamentals, distribution, promotion, and selling as applied in merchandising. PREREQUISITE: Marketing

**Title:** Advertising

**Course Number:** 547001CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is designed to introduce the concepts of advertising, planning strategies, communication skills, and professional development. Course content includes budget development, media selection, design, and the preparation of ads for various media. PREREQUISITE: Marketing

**Title:** Medical Terminology (H)

**Course Number:** 554097HW

**Unit Credit:** 1

**Grade Level:** 10 - 12

Medical terminology is designed to develop in the students a working knowledge of the language of medicine. Students acquire word-building skills by learning prefixes, suffixes, roots, and abbreviations. By relating terms to body systems, students identify proper uses of words in a medical environment. Knowledge of medical terminology enhances students' ability to successfully secure employment or pursue advanced education in health care. This course is offered only at a GCS career center. This course may count as honors credit if taken in sequence with other health science courses. See your counselor for more information. PREREQUISITE: None

**Title:** Health Science 1

**Course Number:** 555088CW

**Unit Credit:** 1

**Grade Level:** 10 - 12

Health Science 1 is the first of four courses offered to students interested in pursuing a career in the healthcare field. During this first course students are introduced to healthcare history, careers, law and ethics, cultural diversity, healthcare language and math, infection control, professionalism, communication, basics of the organization of healthcare facilities, and personal health and lifestyle choices.

**Title:** Health Science 2

**Course Number:** 555189CW

**Unit Credit:** 1

**Grade Level:** 10 - 12

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, units of study that include advanced study of infection control. They will learn about Transmission Based Precautions and become more familiar with OSHA, HIPPA, and the CDC. Students in Health Science 2 will learn how to take vital signs, record them and learn what the data means. Students will learn about the stages of life and Maslow's Hierarchy of needs. Students will learn how law and ethics are applied in the healthcare setting. This course will introduce students to basic patient care skills and medical terminology is incorporated throughout the lessons being taught. Basic Pharmacology is introduced and students will have an understanding of pharmacy math computations. Students will be certified in First Aid and CPR in this course. Students in this course should further their knowledge of healthcare careers and future goals by participating in a job shadowing experience. This course provides a foundation for further advancement in Health Science. It is recommended that students should score an 80% or higher in this course to advance to Health Science 3, or Clinical Study.

**Title:** Health Science 2 Honors

**Course Number:** 555195HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Health Science 2 Honors 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 Honors will continue teaching in more detail the units of study that include advanced study of infection control. They will learn about Transmission Based Precautions and become more familiar with OSHA, HIPPA, and the CDC. Students in Health Science 2 Honors will learn how to take vital signs, record them and learn what the data means. Students will learn how law and ethics are applied in the healthcare setting. This course will introduce students to basic patient care skills. Medical terminology, medical math and pharmacology are incorporated throughout the lessons being taught.

**Title:** SportsMedicine1

**Course Number:** 555501CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Sports Medicine 1 emphasizes the prevention of athletic injuries, including the components of exercise science, anatomy, principles of safety, first aid, cardiopulmonary resuscitation (CPR), and vital signs. Subject matter will also include discussion of legal issues, members of the sports medicine team, nutrition, protective sports equipment, environmental safety issues, taping and wrapping, mechanisms of injury, and application of other sports medicine concepts. Students interested in healthcare careers in athletic training, physical therapy, medicine, exercise physiology, nursing, biomechanics, nutrition, psychology, and radiology will benefit from this course. PREREQUISITE: Alg 1 or Alg I CP Part B and biology

**Title:** Sports Medicine 2 Honors

**Course Number:** 555608HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Sports Medicine 2 Honors emphasizes the recognition and care of common injuries and illnesses sustained by a physically active population. Subject matter will include discussion of specific conditions and injuries that may be experienced by individuals participating in athletic activities. In addition, the concepts of therapeutic modalities and exercise in the care of injuries will be examined. A focus on deeper understanding of body systems and common pathologies will be included. Concepts related to the administrative aspects of the sports medicine program will also be covered. Students will apply legal and ethical principles through real-world scenarios in various sports medicine settings. Other career roles in sports medicine will be discussed as the Athletic Trainer takes the injured athlete through the pathway of recovery.

**Title:** Health Science Clinical Studies

**Course Number:** 556098HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Health Science Clinical Study is a course that guides students to make connections from the classroom to the healthcare industry through work-based learning 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. The student, teachers and work-based learning coordinators will work together to create opportunities for the students to get the best experience available in the districts geographic region. Students in this course should be First-Aid and CPR certified before participating in any healthcare experience outside of the classroom.

**Title:** OutdoorRecreation

**Course Number:** 560201CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

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. Typical learning activities include hunter and boater education; ATV safety; Survival and first aid techniques; planning, designing and maintaining an outdoor recreational area; and participating in personal and community leadership development activities; planning and implementing a relevant school-to-work transition experience; and participating in FFA activities. PREREQUISITE: None

**Title:** AgPowerMechanics

**Course Number:** 561005CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

The courses in Agricultural Mechanics are designed to qualify the student completing the courses for job entry into farm, business, or industrial phases of agricultural mechanics or to continue advanced training in post high school education. A combination of subject matter and activities is designed to teach technical knowledge and skills for entry-level positions in selling, selecting, and servicing agribusiness technical equipment and facilities, including computers, specialized software, power units, machinery equipment, structures and utilities. PREREQUISITE: Ag Sci Tech or Tchr Rec

**Title:** AgStructuralMech

**Course Number:** 561105CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

The courses in Agricultural Mechanics are designed to qualify the student completing the courses for job entry into farm, business, or industrial phases of agricultural mechanics or to continue advanced training in post high school education. A combination of subject matter and activities is designed to teach technical knowledge and skills for entry-level positions in selling, selecting, and constructing structures and utilities. PREREQUISITE: Ag Sci Tech or Tchr Rec

**Title:** SmallAnimalCare1

**Course Number:** 561201CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Small Animal Care 1 is designed to provide instruction in the theories, principles, and practices of producing, caring for, and marketing small and companion animals. Work sites for students from this program include kennels, animal shelters, pet shops, grooming facilities, zoological parks, and animal laboratories. PREREQUISITE: None

**Title:** IntroVetScience

**Course Number:** 561305CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

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 shadowing and/or other school-to-work experiences. PREREQUISITE: Small Animal Care

**Title:** EquipmentOp&Main

**Course Number:** 562101CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is designed to teach students how to operate and maintain equipment commonly used in the agricultural industry. It includes equipment used in all four of the Agriculture, Food and Natural Resources pathways: Horticulture; Plant and Animal Systems; Environmental and Natural Resources Management; and Agricultural Mechanics and Technology. PREREQUISITE: None

**Title:** AgScienceTech

**Course Number:** 562401CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

The Agricultural Science and Technology course is designed to teach essential concepts and understanding related to plant and animal life including biotechnology, the conservation of natural resources, and the impact of agriculture and natural resource utilization on the environment. Emphasis is placed on the role of agriculture in our society and the importance of agriculture to the welfare of the world. Basic personal and community leadership and safety, and agricultural mechanical technology are included as a part of the instructional program. Each student is expected to design and participate in a supervised agricultural experience. PREREQUISITE: None

**Title:** FarmAnimalProd

**Course Number:** 564705CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

The Farm Animal Production course is designed to teach technical knowledge and skills for entry-level positions in an animal production enterprise by developing competencies concerning the selection, breeding, physiology, nutrition, health, housing, feeding, and marketing of farm animals. PREREQUISITE: Ag Sci Tech or Tchr Rec

**Title:** IntroHorticulture1

**Course Number:** 565001CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

The course in Introduction to Horticulture 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. PREREQUISITE: Ag Sci Tech or Tchr Rec

**Title:** Turf & Lawn Mgmt 1

**Course Number:** 565401CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Turf and Lawn Management 1 is designed to teach technical knowledge and skills for entry-level positions in the turfgrass industry. The principles and practices involved in establishing, managing, and maintaining grassed areas for ornamental and/or recreational purposes are studied. PREREQUISITE: Ag Sci Tech or Tchr Rec

**Title:** Ag Mech & Technology

**Course Number:** 566005CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

The Agriculture Technology course is designed as an introductory course to the Agriculture Mechanics Career Pathway. In addition it provides development of general mechanical skills which are required in all areas of Agricultural Education. PREREQUISITE: Ag Sci Tech or Tchr Rec

**Title:** Wildlife Mgmt 1

**Course Number:** 567401CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

The Wildlife Management 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, but are not limited to, hands-on experiences with analyzing problems and developing site plans including the essential elements, concepts, and skills related to wildlife management; understanding basic ecological concepts; implementing habitat management practices; identifying wildlife and fish species; analyzing policies, laws and regulations, and using natural resources for outdoor recreation. PREREQUISITE: Ag Sci Tech or Tchr Rec

**Title:** Intro Teaching 1

**Course Number:** 570300CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Introduction to Teaching Level 1 is designed to prepare students for employment and/or postsecondary opportunities in the education field. The program provides instruction in the teaching profession, communication skills, human growth and development, planning and instructional strategies, and school-societal relationships. Technology is integrated throughout the course work. PREREQUISITE: Child Development 1 and/or 2

**Title:** Intro Teaching 2

**Course Number:** 570400CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Introduction to Teaching Level 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 exhibit professionalism. Technology is integrated throughout the course work. PREREQUISITE: Intro to Teaching 1

**Title:** Child Development 1

**Course Number:** 580001CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Child Development 1 approaches the study of human growth and development from conception through age five. Within Child Development 1, the care and guidance of young children relative to the physical, social, emotional and mental developmental tasks are stressed. Efforts are made to incorporate guided observation and participation with young children and their parents in order to promote personal confidence in responding to young children. Competencies gained will prepare student to assume parental role and/or career involving the care and nurturing of the young. PREREQUISITE: None

**Title:** Child Development 2

**Course Number:** 580101CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Child Development 2 is a continuation of the study of human growth and development from conception through age five. Child Development 2 is for the student who has keen interest in and an immediate need for acquiring skill in the care and nurturing of young children. Individualized instructional strategies will be used to encourage the creative application of theories and practices to promote physical, mental, emotional, and social development. PREREQUISITE: Child Development 1

**Title:** Foods & Nutrition 1

**Course Number:** 582401CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Students in Foods and Nutrition 1 will study the principles of nutrition and the relationship of nutrition to individual health, fitness and wellness. Teacher demonstrations and guided laboratory experiences will enable students to gain skills in food safety and sanitation, food storage, use of convenience and pre-packaged foods, healthy menu selection and some preparation. PREREQUISITE: None

**Title:** Foods & Nutrition 2

**Course Number:** 582501CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Foods and Nutrition 2 is for the student who has demonstrated proficiency in Level 1 and has a desire to pursue employment training in Culinary Arts. Managing and maximizing the food dollar and responsible consumer behavior; ethnic and multicultural foods; healthy meal planning, selection and preparation; basic preparation techniques; and utensil and equipment use and care will be stressed during guided instruction, independent study and laboratory experiences. PREREQUISITE: Foods & Nutrition 1

**Title:** Princ of Engineering

**Course Number:** 605001CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course provides hands-on exploratory experiences related to the fields of engineering. A two-student team will complete 8 modules consisting of 20 activities each. This modular setup exposes the student to engineering principles while requiring the students to maintain journals, organize their work, solve problems and complete a design project for each module. This course must be taught by a teacher who has received Project Lead the Way training. This course will meet the required computer science unit. PREREQUISITE: Teacher Rec

**Title:** Principles of Engineering Honors

**Course Number:** 605005HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Principles of Engineering (POE) Honors is a foundational course within the engineering curriculum of Project Lead the Way (PLTW). Course content prepares students for college majors in engineering or engineering technology fields. It is designed for students desiring a background in engineering, sketching and communication, static analysis, electricity and circuits, material testing, programming, machine design, digital handshakes and complex CAD modeling. All PLTW courses offers students the chance to learn through Activity-, Project-, and Problem-Based learning.

**Title:** PTLW-Intro Eng Design

**Course Number:** 605101CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

A course that teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed and communicated using solid modeling computer design software. This setup exposes the student to engineering principles while requiring the students to maintain journals, organize their work, solve problems and complete a design project for each module. This course must be taught by a teacher who has received Project Lead the Way training. PREREQUISITE: Teacher Rec

**Title:** PTLW-Intro to Engineering Design Honors

**Course Number:** 605108HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Introduction to Engineering Design (IED) Honors is a foundational courses within the engineering curriculum of Project Lead the Way (PLTW). This course is appropriate for 9th - 10th grade students who are interested in the concepts of engineering and the design process, and may be interested in taking additional PLTW Engineering courses in the future. Course content includes an introduction to the design process, technical sketching, product design, reverse engineering computer-aided design (CAD) modeling, robot design and programming, and virtual teaming. All PLTW courses offers students the chance to learn through Activity-, Project-, and Problem-Based learning.

**Title:** Digital Electronics H

**Course Number:** 605201HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This is an honors-level course of study in applied digital logic. The course is patterned after the first semester course in Digital Electronics taught in two- and four-year colleges. Students will study the application of electronic logic circuits and devices and apply Boolean logic to the solution of problems. Using Circuit Maker, the industry standard, students will test and analyze simple and complex digital circuitry. Students will design circuits using Circuit Maker, export their designs to a printed circuit autorouting program that generates printed circuit boards, and construct the design using chips and other components. The students must be concurrently enrolled in college preparatory mathematics. This course must be taught by a teacher who has received Project Lead the Way training. PREREQUISITE: Successful completion of Introduction to Engineering Design and/or Principles of Engineering or Teacher rec

**Title:** Aerospace Engineering H

**Course Number:** 605602HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Through hands-on engineering projects developed with NASA, students in this honors-level course learn about aerodynamics, astronautics, space-life sciences, and systems engineering (which includes the study of intelligent vehicles like the Mars rovers Spirit and Opportunity). This course must be taught by a teacher who has received Project Lead the Way training. Students in this course will be required to work with more intensity, at a deeper level, and produce a wider range of more difficult and complex material. PREREQUISITE: Teacher rec

**Title:** Digital Art Design 1

**Course Number:** 612030CD

**Unit Credit:** 2

**Grade Level:** 9 - 12

The Digital Art and Design program prepares students for careers in the graphic design field. Skills may be applied in any media, such as print, digital media, product design, packaging, etc. Most of the standards require students to combine text and graphics to communicate an effective message in the format intended for commercial reproduction. Students are also expected to use industry software and design concepts, principles, and processes to manipulate text and graphics, utilize and output appropriate file formats for Web and print, and meet client expectations.

**Title:** Digital Art Design 2

**Course Number:** 612101CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

The Digital Art and Design program prepares students for careers in the graphic design field. Skills may be applied in any media, such as print, digital media, product design, packaging, etc. Most of the standards require students to combine text and graphics to communicate an effective message in the format intended for commercial reproduction. Students are also expected to use industry software and design concepts, principles, and processes to manipulate text and graphics, utilize and output appropriate file formats for Web and print, and meet client expectations.

**Title:** Digital Art Design 3

**Course Number:** 612201CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

The Digital Art and Design program prepares students for careers in the graphic design field. Skills may be applied in any media, such as print, digital media, product design, packaging, etc. Most of the standards require students to combine text and graphics to communicate an effective message in the format intended for commercial reproduction. Students are also expected to use industry software and design concepts, principles, and processes to manipulate text and graphics, utilize and output appropriate file formats for Web and print, and meet client expectations.

## Miscellaneous

**Title:** Off-Campus Dual Enrollment

**Course Number:** 08996600

**Unit Credit:** 0

**Grade Level:** 9 - 12

PREREQUISITE:

**Title:** English -Speakers of Other Languages 1

**Course Number:** 308400CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is designed for the student who has a primary language other than English, and is not proficient in listening, speaking, reading, writing, or comprehension in the English speaking classroom. Instruction will be provided in the areas of listening, speaking, reading, writing, and comprehension to assist students in classrooms where English is the language of instruction. Students will receive skills to aid in the transition to all academic areas. Limited English proficiency should be determined by an approved language assessment instrument.

PREREQUISITE: None

**Title:** AP Seminar

**Course Number:** 373000AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

In this yearlong course, students develop and strengthen analytic and inquiry skills, exploring two to four relevant issues chosen by the student and/or teacher. Using an inquiry framework, students practice reading and analyzing articles; research studies; foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to consider an issue from multiple perspectives, evaluate the strength of an argument, and make logical, fact-based decisions. Students question, research, explore, pose solutions, develop arguments, collaborate, and communicate using various media.

**Title:** AP Research  
**Unit Credit:** 1  
**Grade Level:** 9 - 12

**Course Number:** 373100AW

AP Research allows students to design, plan, and conduct a yearlong research-based investigation on a topic of individual interest, documenting their process with a portfolio. This allows students to demonstrate the ability to apply scholarly understanding to real-world problems and issues. Students learn how to understand research methodology, employ ethical research practices, and access, analyze, and synthesize information to build, present, and defend an argument. Prerequisite-AP Seminar

**Title:** IB Extended Essay (H)  
**Unit Credit:** 0.5  
**Grade Level:** 9 - 12

**Course Number:** 373C00HH

This IB elective course is designed to align and support one of the required components of the IB Diploma Program: the Extended Essay. Emphasis is placed on the process of engaging in personal communication, on the communication of ideas and information in a logical and coherent manner; and on the overall presentation of the Extended Essay in accordance with IB requirements and appropriate to the subject chosen. Students will have an opportunity to engage in independent research.

**Title:** Army JROTC 1  
**Unit Credit:** 1  
**Grade Level:** 9 - 12

**Course Number:** 375125CW

The ROTC curriculum and activities challenge the student to elevate and hone self-confidence, self-discipline, and leadership skills. It consists of formal classroom training (academic and physical exercise) supplemented by orientation trips to military activities and facilities in the area. Academic studies include military history and military science. Leadership studies include customs and courtesies of the military, cadet corps activities, study habits, time management, communication skills, and leadership and management studies. Co-curricular activities include drill team, color guard, etc. Cadets wear the ROTC uniforms one day per week. Uniforms and materials are provided by the participating branch of the military. Cadets are not required to enlist in the military. PREREQUISITE: None

**Title:** Army JROTC 2  
**Unit Credit:** 1  
**Grade Level:** 9 - 12

**Course Number:** 375225CW

The ROTC curriculum and activities challenge the student to elevate and hone self-confidence, self-discipline, and leadership skills. It consists of formal classroom training (academic and physical exercise) supplemented by orientation trips to military activities and facilities in the area. Academic studies include military history and military science. Leadership studies include customs and courtesies of the military, cadet corps activities, study habits, time management, communication skills, and leadership and management studies. Co-curricular activities include drill team, color guard, etc. Cadets wear the ROTC uniforms one day per week. Uniforms and materials are provided by the participating branch of the military. Cadets are not required to enlist in the military. PREREQUISITE: Completion of first level

**Title:** AJROTC III  
**Unit Credit:** 1  
**Grade Level:** 11 - 12

**Course Number:** 375301HW

Students for this advanced leadership course serve as members of the JROTC cadet senior staff together with cadets approved for the standard Cadet Staff Leadership and Management course. This hands-on experience affords students the opportunity to apply leadership and management lessons from previous JROTC courses. Students will maintain a high level of performance in personal fitness, military bearing, and uniform wear.

**Title:** Army JROTC 3  
**Unit Credit:** 1  
**Grade Level:** 9 - 12

**Course Number:** 375325CW

The ROTC curriculum and activities challenge the student to elevate and hone self-confidence, self-discipline, and leadership skills. It consists of formal classroom training (academic and physical exercise) supplemented by orientation trips to military activities and facilities in the area. Academic studies include military history and military science. Leadership studies include customs and courtesies of the military, cadet corps activities, study habits, time management, communication skills, and leadership and management studies. Co-curricular activities include drill team, color guard, etc. Cadets wear the ROTC uniforms one day per week. Uniforms and materials are provided by the participating branch of the military. Cadets are not required to enlist in the military. PREREQUISITE: Completion of first and second levels

**Title:** AJROTC IV

**Course Number:** 375401HW

**Unit Credit:** 1

**Grade Level:** 11 - 12

Students for this advanced leadership course serve as members of the JROTC cadet senior staff together with cadets approved for the standard Cadet Staff Leadership and Management course. This hands-on experience affords students the opportunity to apply leadership and management lessons from previous JROTC courses. Students will maintain a high level of performance in personal fitness, military bearing, and uniform wear.

**Title:** Army JROTC 4

**Course Number:** 375425CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

The ROTC curriculum and activities challenge the student to elevate and hone self-confidence, self-discipline, and leadership skills. It consists of formal classroom training (academic and physical exercise) supplemented by orientation trips to military activities and facilities in the area. Academic studies include military history and military science. Leadership studies include customs and courtesies of the military, cadet corps activities, study habits, time management, communication skills, and leadership and management studies. Co-curricular activities include drill team, color guard, etc. Cadets wear the ROTC uniforms one day per week. Uniforms and materials are provided by the participating branch of the military. Cadets are not required to enlist in the military. PREREQUISITE: Completion of first, second and third levels

**Title:** SAT Prep Overview

**Course Number:** 379907CH

**Unit Credit:** 0.5

**Grade Level:** 9 - 12

This course is designed to provide students with a review of verbal and math skills to help prepare them for the SAT. Topics also include test-taking skills and time management. PREREQUISITE: Has completed or is concurrently enrolled in Algebra 2; Plans to take the SAT

**Title:** Peer Tutoring 1

**Course Number:** 379913CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This elective course is designed for 11th and 12th graders interested in a career in the special education field. Under the direction and supervision of the special education classroom teacher, the peer tutor will assist in instructing exceptional students in the school and/or community based on individual skills needed by the student. Tutors will teach, record data, and be positive role models. Students are responsible for implementing activities, attending class daily, and helping the students in the special education class become more independent. Application forms are mandatory. PREREQUISITE: Application and Instructor approval

**Title:** Freshman Success 2

**Course Number:** 379920CH

**Unit Credit:** 0.5

**Grade Level:** 9 - 12

This course is the second semester of Freshman Success 1 designed for schools on a Block schedule. PREREQUISITE: Freshman Success 1

**Title:** Peer Tutoring 2

**Course Number:** 379925CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This elective course is a continuation of Peer Tutoring 1. The course is designed for 11th and 12th graders interested in a career in the special education field. Under the direction and supervision of the special education classroom teacher, the peer tutor will assist in instructing exceptional students in the school and/or community based on individual skills needed by the student. Tutors will teach, record data, and be positive role models. Students are responsible for implementing activities, attending class daily, and helping the students in the special education class become more independent. Application forms are mandatory. PREREQUISITE: Peer Tutoring 1 and Instructor approval

**Title:** Freshman Success

**Course Number:** 379927CH

**Unit Credit:** 0.5

**Grade Level:** 9 - 12

This elective course is designed to give the student an extensive orientation to high school and to provide the student with the necessary knowledge skills, and resources to have a rewarding and successful high school experience. In addition to the orientation to high school, major topics will include: classroom procedures and management, self-awareness, goal setting, time management, conflict resolution, communication skills, study habits and test-taking strategies. Students will also spend time studying their career planners (sent from the middle schools), planning future course selection and discussing career plans. PREREQUISITE: None

**Title:** Leadership

**Course Number:** 379934CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This elective course deals with developing skills in effective communication, identifying the rights and responsibilities of citizenship and learning the information necessary to organize, conduct, and participate in meetings. In addition, the characteristics of effective leadership will be studied and developed by participation in educational, civic, and social activities. Student leaders, as well as those interested in becoming leaders, are encouraged to enroll in this course. PREREQUISITE: Teacher recommendation

**Title:** Freshman Success

**Course Number:** 379949CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This elective course is designed to give the student an extensive orientation to high school and to provide the student with the necessary knowledge skills and resources to have a rewarding and successful high school experience. In addition to the orientation to high school, major topics will include: classroom procedures and management, self-awareness, goal setting, time management, conflict resolution, communication skills, study habits, and test-taking strategies. Students will also spend time studying their career planners (sent from the middle schools), planning future course selection and discussing career plans. PREREQUISITE: None

**Title:** LeadershipPersDev 4

**Course Number:** 379972CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

In this elective class students participate in daily activities related to one of five dimensions: character education, service learning, literacy and study skills, personal and post-secondary planning. These activities are tailored specifically to twelfth graders and include continued development of leadership and communication skills, college admissions preparation and participation in a class-selected service learning project. Guest speakers, classroom guidance, and field trips are also part of the curriculum. PREREQUISITE: None

**Title:** LeadershipPersDev 3

**Course Number:** 379976CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

In this elective class students participate in daily activities related to one of five dimensions: character education, service learning, literacy and study skills, personal and post-secondary planning. These activities are tailored specifically to eleventh graders and include continued development of leadership and communication skills, ACT and SAT test preparation, and a class-selected service learning project. Guest speakers, classroom guidance, and field trips are also part of the curriculum. PREREQUISITE: None

**Title:** Study Skills

**Course Number:** 379977CH

**Unit Credit:** 0.5

**Grade Level:** 9 - 12

This elective course is for students who are interested in mastering outlining, context clues, reading different textbooks, literal and figurative language, note-taking, and critical thinking. This class is not a traditional study hall. Students will be required to complete assignments, tests and other projects as assigned by the teacher and will receive grades that measure progress. PREREQUISITE: None

**Title:** LeadershipPersDev 2

**Course Number:** 379979CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

In this elective class students participate in daily activities related to one of five dimensions: character education, service learning, literacy and study skills, personal and post-secondary planning. These activities are tailored specifically to tenth graders and include development of leadership skills, HSAP test preparation, and participation in a class-selected service learning project. Guest speakers, classroom guidance, and field trips are also part of the curriculum. PREREQUISITE: None

**Title:** LeadershipPersDev1

**Course Number:** 379980CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

In this elective class students participate in daily activities related to one of five dimensions: character education, service learning, literacy and study skills, personal and post-secondary planning. These activities are tailored specifically to ninth graders and include goal setting, end-of-course test preparation, participation in a class-selected service learning project, and freshman success activities. Guest speakers, classroom guidance, and field trips are also part of the curriculum. PREREQUISITE: None

**Title:** Service Learning 1

**Course Number:** 379998CH

**Unit Credit:** 0.5

**Grade Level:** 9 - 12

Service Learning is a course designed for participants to learn and develop through active participation in thoughtfully organized service experiences that meet community needs through a collaboration between the school and community. It provides students with opportunities to use newly acquired skills and knowledge in real-life situations in their own communities. The course emphasizes essential life skills such as effective communication, problem solving, goal setting, and teamwork. Students will address real-life problems and make meaningful contributions to the school and community. The emphasis will be on planning, serving, and evaluating. Time will be spent in class and at service sites. PREREQUISITE: None

**Title:** English-Speakers of Other Languages 2

**Course Number:** 408000CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is designed for the student who has a primary language other than English, and is not proficient in listening, speaking, reading, writing, or comprehension in the English speaking classroom. Instruction will be provided in the areas of listening, speaking, reading, writing, and comprehension to assist students in classrooms where English is the language of instruction. Students will receive skills to aid in the transition to all academic areas. Limited English proficiency should be determined by an approved language assessment instrument. PREREQUISITE: ESOL 1

**Title:** English-Speakers of Other Languages 3

**Course Number:** 408100CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is designed for the student who has a primary language other than English, and is not proficient in listening, speaking, reading, writing, or comprehension in the English speaking classroom. Instruction will be provided in the areas of listening, speaking, reading, writing, and comprehension to assist students in classrooms where English is the language of instruction. Students will receive skills to aid in the transition to all academic areas. Limited English proficiency should be determined by an approved language assessment instrument. PREREQUISITE: ESOL 2

**Title:** English-Speakers of Other Languages 4

**Course Number:** 408200CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is designed for the student who has a primary language other than English, and is not proficient in listening, speaking, reading, writing, or comprehension in the English speaking classroom. Instruction will be provided in the areas of listening, speaking, reading, writing, and comprehension to assist students in classrooms where English is the language of instruction. Students will receive skills to aid in the transition to all academic areas. Limited English proficiency should be determined by an approved language assessment instrument. PREREQUISITE: ESOL 3

**Title:** AP Computer Science Principles

**Course Number:** 477500AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course introduces students to the central ideas of computer science, instilling the ideas and practices of computational thinking and inviting students to understand how computing changes the world. The course promotes deep learning of computational content, develops computational thinking skills, and engages students in the creative aspects of the field. The course is equivalent to a first-semester introductory college computing course

## International Baccalaureate

**Title:** IB Theory of Knowledge I

**Course Number:** 373A00IH

**Unit Credit:** 0.5

**Grade Level:** 9 - 12

This is the first of a two-part Theory of Knowledge (ToK) course that is a required component of the IB Diploma Program. ToK is an interdisciplinary course designed to stimulate critical reflection on knowledge in a variety of contexts. Students will make connections between a critical approach to the construction of knowledge, the academic disciplines and experience gained inside and outside the classroom.

**Title:** IB Theory of Knowledge II

**Course Number:** 373B00IH

**Unit Credit:** 0.5

**Grade Level:** 9 - 12

This is the second of a two-part Theory of Knowledge (ToK) course that is a required component of the IB Diploma Program. ToK is an interdisciplinary course designed to stimulate critical reflection on knowledge in a variety of contexts. Students will make connections between a critical approach to the construction of knowledge, the academic disciplines and experience gained inside and outside the classroom.

**Title:** IB Theatre Arts SL-2

**Course Number:** 452A17IW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course prepares students for the IB Theatre Arts SL Exam. IB students explore theatrical concepts including directing, acting methods, performance and theatre styles in a global context. Course content focuses on IB requirements such as exploration of various acting methods and styles, creation of a director's vision and experimentation with theatrical practices from around the world. Work is completed at an advanced level and in cooperative groups, with an emphasis on skill development. Students take the Theatre Arts SL Exam in May of the year in which the course is completed.

## Career Center

**Title:** Digital Art Design 1

**Course Number:** 612001CW

**Unit Credit:** 1

**Grade Level:** 10 - 12

The Digital Art and Design program prepares students for careers in the graphic design field. Skills may be applied in any media, such as print, digital media, product design, packaging, etc. Most of the standards require students to combine text and graphics to communicate an effective message in the format intended for commercial reproduction. Students are also expected to use industry software and design concepts, principles, and processes to manipulate text and graphics, utilize and output appropriate file formats for Web and print, and meet client expectations.