



CURRICULUM GUIDE

2021-2022 School Year

DIVINE CHILD HIGH SCHOOL | 1001 N. SILVERY LANE, DEARBORN, MI 48128

2021-2022 DIVINE CHILD HIGH SCHOOL CURRICULUM GUIDE

Divine Child High School has prepared this course catalogue for students and parents/guardians as an aid in schedule planning to guide selections of courses best suited to meet the needs of students.

STUDENT SERVICES

Students have access to a support network of teachers, counselors, and parents who can guide them in making informed decisions and engaging in a learning path that will optimize personal growth. Students are encouraged to think about career and college as early as possible so that they can select courses that would be helpful to them in planning for their futures.

The Divine Child High School Counseling Department coordinates various services in an attempt to meet the needs of all students. Students can access college guidance, career information, personal counseling, study skill development, and support groups. Some peer-to-peer tutoring is available, which counselors can also help coordinate. The Math Lab operates twice weekly after-school, giving students access to teacher support on a regular basis. Counselors are available to meet students and parents by appointment.

POLICIES

ACADEMIC SUPPORT PROGRAM:

The Academic Support Program connects academically struggling students with Divine Child High School teacher mentors for the duration of an entire quarter. Student placement in the program depends upon quarterly grade point average (GPA); all freshman and sophomore students who fall below a 2.0 for a quarter are required to participate in the program.

The program consists of two meetings each week meetings, one as a whole group, and one for individual consultation with a mentor teacher that will focus on teaching and reinforcing scholastic skills necessary for high school and beyond. The aim of the program is to implement these skills in a student's daily routine, thereby allowing him or her to maintain a GPA above 2.0 for the duration of his or her time at Divine Child High School.

ACADEMIC RESPONSIBILITIES FOR ALL STUDENTS:

- Each Divine Child High School student is expected to take seven (7) classes every semester (seniors have the option to take only 6 classes).
- Any student receiving three (3) semester failures in one school year will not be permitted to return to Divine Child High School.
- Any student receiving an incomplete (I) as a grade has two (2) weeks after the quarter ends to complete the course requirements. If that is not done, the grade automatically becomes an F.
- Any student who is removed from a class for disciplinary reasons will receive an F for the semester grade. This will be computed into the grade point average.
- Participation in school activities, including athletics, is contingent upon a student's academic performance. Policies on activity participation eligibility are detailed in the DCHS Handbook.

SCHEDULE ADJUSTMENTS

- Once schedules have been released, a brief scheduling adjustment period will be announced. Level changes cannot be made without teacher and parent support. Other requested changes are often limited by available space in classes and the required rigor of the student's schedule. Students are placed into electives they have chosen during the scheduling process, so elective changes may not be possible.
- In an effort to maintain balanced classes, requests for teacher changes will not be honored.

- The only adjustments made after the start of classes will be teacher-initiated level changes or conflicts resulting from first semester course failures. **Year-long courses may not be dropped in January.**
- In order to eliminate the need to make schedule changes, care should be taken when selecting courses and alternate choices. Once schedules are released, some changes or new course requests may not be possible.

GRADE POINT AVERAGE/RANK IN CLASS

- The cumulative Grade Point Average (GPA) and Class Rank are computed in January and June and are determined by the semester grades only. The GPA is not rounded up.
- Total credits earned reflect all the courses (including Pass/Fail) a student has passed.
- Class rank indicates a student's academic placement in his/her graduating class based on weighted cumulative grade point average.
- Certain classes are designated as Honors/AP classes. Honors points will be awarded in these courses.
- Students enrolled in AP courses must take the requisite Advanced Placement Exam to receive the AP designation on the transcript and have the additional honor point calculated into the grade point average.
- Graduation Honors are determined by the 7th semester cumulative GPA as determined by the computer grading program. This includes Valedictorian and Salutatorian honors.
- There are three honors designations for graduating students, based on their cumulative GPA. The top 10% of the graduating class will be verbally recognized at the commencement ceremony. Other honors will be noted in the commencement program. Honors designations include:

Graduating with Honors: 3.5 – 3.99 Cumulative GPA

Graduate with High Honors: 4.0 – 4.33 Cumulative GPA (or 4.0 to the cutoff for the top 10%)

Graduate with Highest Honors: Students whose GPA's place them in the top 10% of their class

GRADING SCALE

<u>Letter</u>	<u>Percent</u>	<u>Standard Academic Points</u>	<u>Honors/AP Points</u>
A+	100-99	4.333	5.333
A	98-93	4.000	5.000
A-	92-90	3.667	4.667
B+	89-87	3.333	4.333
B	86-83	3.000	4.000
B-	82-80	2.667	3.667
C+	79-77	2.333	3.333
C	76-73	2.000	3.000
C-	72-70	1.667	2.667
D+	69-67	1.333	2.333
D	66-63	1.000	2.000
D-	62-60	0.667	1.667
F	59-0	0	0
P	100-60		
I	100-0		
Audit	100-0		

DIVINE CHILD HIGH SCHOOL GRADUATION REQUIREMENTS

To receive a diploma, a senior must:

1. Earn at least 26 credits
2. Pass all required courses
3. Fulfill retreat and Christian Service requirements
4. Meet all financial responsibilities regarding tuition, fees, and books
5. Meet all other obligations in reference to detention time, library books/fines, office forms, etc.

Requirements	Required Credits	Description
Applied/Fine/Performing Arts	1	Any two courses in Fine Arts, Applied Arts, or Performing Arts
English	4	One credit per year Standard Sequence: English 9, English 10, English 11, English 12LC (Lit & Comp) and English 12RC* (Rhetoric & Comp) Honors/AP Sequence: Honors English 9, Honors English 10, AP English Lang & Composition, AP English Lit & Composition
Mathematics	4	One credit per year
Science	3	1 Biology, 1 Chemistry, and one additional Science credit
	(4 strongly recommended)	
Social Studies	3	1 World History, 1 American History, 0.5 American Government, and 0.5 Economics
	(4 strongly recommended)	
Theology	4	One credit per year
World Languages	2	Two consecutive years of the same language
P.E./Health	1	0.5 P.E** and 0.5 Health
Computer Literacy	0.5	1 course: Web Design, Intro to Technology, Programming, AP Computer Science Principles, or AP Computer Science A
Electives	3.5	Additional courses from any department beyond the required courses count as elective credit.

* The English-12RC (Rhetoric & Comp) requirement may be fulfilled by successful participation in Divine Child High School Forensics Team for two years. An alternate English course, senior year, must be elected to complete the 4 required English credits for students taking the Standard English sequence of courses.

* The Rhetoric & Comp requirement is embedded into the curriculum of the AP English. If a student does not complete the full year of AP English Literature, English 12RC must be completed.

**Participation in Marching Band for two years will fulfill the Physical Education requirement.

CREDIT FOR COURSES TAKEN OUTSIDE OF DIVINE CHILD HIGH SCHOOL

Divine Child High School requires students to fully engage in its curriculum offerings. In limited cases, a student's needs are best met by engagement in an external course. These are all reviewed on an individual basis, and credit is accepted toward Divine Child graduation requirements if the following conditions are met:

- The student's counselor, appropriate department chairperson, and school administration have approved all possible courses prior to the student registering for any outside class.
- If the course is being repeated for credit due to a prior course failure, the credit recovery course must be offered through an approved program.
- If the student is taking a course through Dual Enrollment, the student must have secured counselor and administration approval prior to course enrollment, and the course must not already be offered through the DCHS curriculum.
- Divine Child High School must receive prompt confirmation of enrollment in any external course, as well as official verification of the course title, the grade received, and the credit earned. In most cases, this is provided on a transcript or other formal grade documentation. Students and parents must assist in securing these documents for the Divine Child High School Counseling Department.

External classes eligible for credit may will not always have letter grades that will be computed into the DCHS GPA. Courses taken as a Pass/Fail course will receive credit but will not be computed into the Cumulative GPA. Typically, courses that grant a letter grade will have letter grade transferred, in accordance with the DCHS grading scale, and will be computed in GPA.

COURSE DESCRIPTIONS

ENGLISH

GRADUATION REQUIREMENT: 4.0 Credits; Must take one credit each year

ENGLISH SURVEY 9

Grade Level(s): 9

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course is designed to enhance students' existing knowledge in three major areas of English: literature, grammar and composition, and vocabulary. Units in literature will include short story, poetry, drama, nonfiction, and novel. Units in grammar and composition will include grammar basics, sentence writing and improvement, and paragraph and essay writing. Students will practice research skills for a short documented paper. Development of skills in grammar, vocabulary, and composition will be ongoing throughout the year. Summer reading is required.

HONORS ENGLISH 9

Grade Level(s): 9

Credits Per Semester: 0.5

Prerequisites: Placement Testing

Instructor Approval Required: Yes

Course Description: This is an advanced level freshman composition and literature course geared for the student who demonstrates a proficiency in reading, writing, and language skills. Emphasis will be placed on writing improvement through paragraph and essay development and the integration of vocabulary study and critical thinking skills through a close reading of multicultural literature in various genres. Techniques of basic literary research, use of parenthetical documentation and integration of quoted material into the writing of the essay will complete the course. Summer reading is required.

ENGLISH 10

Grade Level(s): 10

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: In this survey course, students will be reading and responding to foundational works of literature. Special focus will be given to works representative of the European tradition, with the periodic inclusion of texts representing a global perspective. Students will write in response to the literature as well as in response to standard prompts for argument, research, and creative interpretation. In addition to the intensive reading and writing components of the course, students will broaden their understanding of English grammar, mechanics, and level-appropriate vocabulary. Summer reading is required.

HONORS ENGLISH 10

Grade Level(s): 10

Credits Per Semester: 0.5

Prerequisites: Hrs. Eng 9 or Teacher Recomm.

Instructor Approval Required: Yes

Course Description: In this advanced course, students will be reading and responding to works of literature ranging from classic and foundational texts to modern. Special focus will be given to seminal works within the European and English tradition in an attempt to build an understanding of how canonical literature developed according to historical periods. Students will then apply these discoveries to more contemporary and globally reflective texts in an effort to connect the past with the present. Students will write extensively in response to the literature as well as in response to standard prompts for argument, research, and creative interpretation. In addition to the intensive reading and writing components of the course, students will broaden their understanding of English grammar, mechanics, and level-appropriate vocabulary. Summer reading is required.

ENGLISH 11

Grade Level(s): 11

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course is designed to both reinforce and challenge students' consideration of the role of local place in cultural production with a specific focus on what it means to be "American." Through a survey of historical, modern, and contemporary American literature and film from canonical as well as non-canonical voices in the American tradition, students will continue to develop critical thinking, research, and argument skills, especially as they relate to past and current American culture and politics. In addition to critical argumentative pieces, students will respond to our study in a variety of creative and interpretive ways. Through both short and sustained practice, students will continue to broaden their understanding of English grammar, mechanics, and level-appropriate vocabulary. Summer reading is required.

ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION

Grade Level(s): 11

Credits Per Semester: 0.5

Prerequisites: Hrs. Eng 10 or Teacher Recomm.

Instructor Approval Required: Yes

Course Description: This FULL YEAR course is designed for students to take the Advanced Placement English Language and Composition Test at the end of their junior year. With English Department approval, students may take this course that have not been enrolled in honors level English courses but are interested in taking the A.P. Lang Test. The goal of this A.P. course is for students to become skilled readers of prose written in a variety of rhetorical contexts, and to become skilled writers who compose for a variety of purposes. Students will read and analyze a broad and challenging range of nonfiction prose selections, with an emphasis on foundational American texts among others, will engage in the study of poetry and the novel, and will write frequently to deepen understanding of audience, purpose, strategy, and how language works. Students must take the Advanced

Placement Exam to receive the A.P. designation on the transcript and to have the additional honor point calculated into the grade point average.

ENGLISH 12RC- RHETORIC & COMP.

Grade Level(s): 12 **Credits Per Semester:** 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This semester long course is designed to help students learn to write and speak for public address. Students will be able to find, organize, outline, and develop researched support for oral presentations. The written word will be put into practice through presentation of several types of speeches in front of the class. Students will learn to use both verbal and nonverbal delivery skills to improve oral communication.

ENGLISH 12LC- LITERATURE & COMPOSITION

Grade Level(s): 12 **Credits Per Semester:** 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This semester long course is designed to view literature and writing through a scope that builds upon previous English courses and will prepare students to study at the collegiate level. The course aims to examine literature that has been regarded by various institutions and authorities as representative of societal and cultural significance. The course includes representative works from various genres and period, concentrating on modern/contemporary works of recognized literary merit. Through close examination of the selected texts, students will deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. This is done in conjunction with discussions and presentations, and a number of essays that extend the understanding, interpretation, and analysis of the works.

ENGLISH 12LC- LITERATURE & COMP. (0-HOUR

Grade Level(s): 12 **Credits Per Semester:** 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This semester long course is designed to view literature and writing through a scope that builds upon previous English courses and will prepare students to study at the collegiate level. The course aims to examine literature that has been regarded by various institutions and authorities as representative of societal and cultural significance. The course includes representative works from various genres and period, concentrating on modern/contemporary works of recognized literary merit. Through close examination of the selected texts, students will deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. This is done in conjunction with discussions and presentations, and a number of essays that extend the understanding, interpretation, and analysis of the works. (This course may be offered during 0 hour (6:50 - 7:30 daily), though it may develop into a hybrid or more asynchronous course similar to courses offered in our Virtual Falcon model.)

ADVANCED PLACEMENT LITERATURE AND COMPOSITION

Grade Level(s): 12 **Credits Per Semester:** 0.5

Prerequisites: AP English Lang or Teacher Recomm.

Instructor Approval Required: Yes

Course Description: This FULL YEAR course is designed for the student capable of and interested in doing college-level work in the fields of language and cultural analysis while still in high school. The course is also designed to prepare students for the AP Literature and Composition exam at the end of the year. Coursework reinforces research and citation skills acquired in previous honors courses and emphasizes continued development of close reading skills to interpret and evaluate aesthetic quality and degree of craftsmanship in seminal works of literature from various eras, with a predominant

focus on modern, postmodern, and contemporary literature in the global tradition, especially as they comment on and critique significant cultural, social, and political issues. Writing experiences focus on the critical analysis of literature, including expository and analytical in-class and extended-process essays. A summer reading list for this course will be provided in the spring of the junior year. Students must take the Advanced Placement Exam to receive the A.P. designation on the transcript.

CREATIVE WRITING

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course is designed for the student who is interested in the focused study of prose, poetry, and other verse forms with a personal portfolio of work as the final goal. Students will look at professional models of poetry, prose, and songwriting to analyze and discuss for developing critical understanding. This course is offered one semester a year.

MATHEMATICS

GRADUATION REQUIREMENT: 4.0 credits; Must take one credit each year

(Students are placed in Mathematics courses according to standardized test scores, placement test performance, and current high school Math teacher recommendation. Math level changes only occur when initiated by the student's math teacher. No student may drop a full year course.)

INTRODUCTION TO ALGEBRA

Grade Level(s): 9

Credits Per Semester: 0.5

Prerequisites: Placement Testing

Instructor Approval Required: No

Course Description: This one-year course is a bridge that will take students from a middle school mathematics foundation into study of mathematics to algebra and geometry. Topics include integers, solving equations, data analysis, geometry, number theory, rational numbers, ratios, proportions, percents, area, volume, statistics, probability, graphing on a coordinate plane and polynomials.

ALGEBRA 1

Grade Level(s): 9-10

Credits Per Semester: 0.5

Prerequisites: Placement Testing

Instructor Approval Required: Yes

Course Description: This course develops students understanding of the Real Number system and its properties. Topics will include Functions, Linear Relationships, Scatter Plots, Linear Systems, Linear Inequalities, Shapes of Algebra, Polynomials, Quadratic Functions, Quadratic Equations, Exponential Functions, and Data, Statistics and probability.

HONORS ALGEBRA 2

Grade Level(s): 9

Credits Per Semester: 0.5

Prerequisites: Placement Testing

Instructor Approval Required: Yes

Course Description: Intended for the honors student, this course will focus on Algebra 2 and review important topics from Algebra 1. This pace enables the more advanced student to complete the traditional sequence of high school math before senior year, so that the student may begin the study of calculus.

GEOMETRY- PLANE AND SOLID

Grade Level(s): 10-11

Credits Per Semester: 0.5

Prerequisites: Algebra 1

Instructor Approval Required: Yes

Course Description: This course is a thorough presentation of the essentials of Euclidean geometry. Properties of points, lines, planes, and polygons with a stress on deductive reasoning skills form the basis of this course.

HONORS GEOMETRY AND TRIGONOMETRY

Grade Level(s): 9-10

Credits Per Semester: 0.5

Prerequisites: Honors Algebra 2 (grade of "B" or better)

Instructor Approval Required: Yes

Course Description: This course is an in-depth study of the essentials of geometry. It offers the exceptional student the opportunity to broaden reasoning skills through the understanding and development of proofs in a more challenging atmosphere. In this course, three quarters of the year will be spent completing geometry, and the last quarter of the year will be spent studying an introduction to Precalculus.

ALGEBRA 2

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites: Algebra 1 & Plane and Solid Geometry

Instructor Approval Required: Yes

Course Description: This full year course, a sequel to Algebra 1, typically taken in sequence after Geometry, is a detailed study of the structure of real numbers and the basic concepts of algebra. The student will then have a basic introduction to trigonometry, as well as statistics.

COLLEGE ALGEBRA AND TRIGONOMETRY

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites: Algebra 1 & Plane and Solid Geometry and a placement test,

Instructor Approval Required: Yes

Course Description: Building on a foundation of Algebra 1 and completion of Geometry, this full-year course pursues a deeper study of algebra. It includes a more detailed study of functions, which includes exponential and logarithmic functions. This course will cover a complete study of trigonometry, including trig. functions, graphs, equations, and identities.

PRECALCULUS

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites: Col Alg & Trig

Instructor Approval Required: Yes

Course Description: This course is a preparation for Calculus and is recommended for the student who will continue math in college. Topics covered include real numbers, rectangular coordinates, functions, graphing polynomials and rational functions, exponential and logarithmic functions, trigonometry, solving systems of equations, conic sections, and roots of polynomial equations.

HONORS PRECALCULUS

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites: H Geo/Trg (grade of "B" or better)

Instructor Approval Required: Yes

Course Description: This course is a preparation for Calculus and is recommended for the student who will continue math in college. Topics covered include real numbers, rectangular coordinates, functions, graphing polynomials and rational functions, exponential and logarithmic functions, trigonometry, solving systems of equations, conic sections, and roots of polynomial equations.

CALCULUS

Grade Level(s): 11-12 **Credits Per Semester:** 0.5

Prerequisites: Precalculus or Honors Precalculus

Instructor Approval Required: Yes

Course Description: This course covers topics including limits, differentiation and integration. Applications include curve sketching, finding area and volume and describing change and motion. Calculus is a prerequisite for further study in nearly all branches of mathematics and science.

ADVANCED PLACEMENT CALCULUS

Grade Level(s): 11-12 **Credits Per Semester:** 0.5

Prerequisites: Honors Precalculus (grade of "B" or better)

Instructor Approval Required: Yes

Course Description: This FULL YEAR course covers topics including limits, differentiation and integration. Applications include curve sketching, finding area and volume and describing change and motion. Calculus is a prerequisite for further study in nearly all branches of mathematics and science. Students MUST take the Advanced Placement Exam (Calc AB) to receive the A.P. designation on the transcript and have the additional honor point calculated into the grade point average.

HONORS CALCULUS 2

Grade Level(s): 12 **Credits Per Semester:** 0.5

Prerequisites: AP Calculus and Approval of the Math Department

Instructor Approval Required: Yes

Course Description: Honors Calculus 2 is concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. The material from Calculus AB is a prerequisite and will be reviewed throughout the year, with additional topics including further work with limits and differential equations, techniques of anti-differentiation, sequences and series, Taylor polynomials and series, polar, parametric, and vector functions, and differentiation in several variables.

STATISTICS

Grade Level(s): 12 **Credits Per Semester:** 0.5

Prerequisites: Algebra 2 with teacher recommendation

Instructor Approval Required: Yes

Course Description: This ONE SEMESTER course teaches elementary statistics designed for college bound seniors. Students will study the practical applications of statistics and probability in the fields of business, science and games. Statistics and Consumer Math must be taken in combination with one another.

ADVANCED PLACEMENT STATISTICS

Grade Level(s): 11-12 **Credits Per Semester:** 0.5

Prerequisites: Honors Precalculus, College Algebra and Trigonometry, or permission from the instructor. Critical Reading and Writing are also essential in this course.

Instructor Approval Required: Yes

Course Description: An in-depth FULL YEAR course that will investigate the major concepts and tools for collecting, analyzing, and drawing conclusions from data. AP Statistics' four broad conceptual themes of exploring data, planning a study, anticipating patterns using probability theorem and simulation, and statistical inferences are examined. Successful completion of the course will allow students to take the AP Statistics Exam. A graphing calculator is required. Students must take the Advanced Placement Exam to receive the A.P. designation on the transcript and to have the additional honor point calculated into the grade point average.

CONSUMER MATH

Grade Level(s): 12

Credits Per Semester: 0.5

Prerequisites: Algebra 2 with teacher recommendation

Instructor Approval Required: Yes

Course Description: This ONE SEMESTER course helps students become more educated consumers as they encounter realistic and modern mathematical topics. Students will be able to make better financial decisions, solve practical everyday problems, and understand how to use statistics to compare data. Statistics and Consumer Math must be taken in combination with one another.

HONORS CALCULUS 2

Grade Level(s): 12

Credits Per Semester: 0.5

Prerequisites: AP Calculus and Approval of the Math Department

Instructor Approval Required: Yes

Course Description: Honors Calculus 2 is concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. The material from Calculus AB is a prerequisite and will be reviewed throughout the year, with additional topics including further work with limits and differential equations, techniques of anti-differentiation, sequences and series, Taylor polynomials and series, polar, parametric, and vector functions, and differentiation in several variables.

SCIENCE

GRADUATION REQUIREMENT: 3.0 credits

(Must include Biology and any Chemistry; 4 credits strongly recommended)

INTEGRATED SCIENCE

Grade Level(s): 9

Credits Per Semester: 0.5

Prerequisites: HSPT Placement

Instructor Approval Required: No

Course Description: This course is an in-depth study in the use of the scientific method, graphing, graphic interpretation and other important science skills in the context of an introduction to physics and chemistry fundamentals.

BIOLOGY

Grade Level(s): 10

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course is a study of life. After becoming familiar with the techniques of the microscope, topics such as natural selection, heredity, cell biology, and taxonomy are covered.

HONORS BIOLOGY

Grade Level(s): 9-10

Credits Per Semester: 0.5

Prerequisites: 9th: Placement Results 10th: Requires 90.0 average over both semesters in integrated science and teacher recommendation.

Instructor Approval Required: Yes

Course Description: This course is an in-depth study of the physical and chemical processes of life. It includes the metric system, graphing and scientific techniques. After becoming familiar with the techniques of the microscope, the student will study such topics as cell biology, evolution, heredity, and taxonomy. The student who takes this course will be scheduled for Chemistry or Honors Chemistry the following year.

CHEMISTRY

Grade Level(s): 11

Credits Per Semester: 0.5

Prerequisites: Biology or Honors Biology

Instructor Approval Required: No

Course Description: This course is strongly recommended for college-bound students. Topics include Atomic Theory, bonding, nomenclature, reaction types and balancing equations, and stoichiometry. Laboratory experiences are correlated with classroom discussion. TI-83/ 84 or N-Spire family of graphing calculators is required.

HONORS CHEMISTRY

Grade Level(s): 10-11

Credits Per Semester: 0.5

Prerequisites: 10th Graders: Requires 80.0+ average over both semesters in Honors Biology and teacher recommendation. 11th Graders: Requires 90.0 average over both semesters in Biology and teacher recommendation

Instructor Approval Required: Yes

Course Description: This course is recommended for students intending to take a challenging course of study that can prepare the student for AP Chemistry. The course moves at a faster pace and covers topics in a greater depth than regular chemistry and includes significant accompanying lab activities. Topics include atomic theory, nomenclature, periodic table, nuclear chemistry, bonding, reaction types, balancing equations, energy, stoichiometry, gas laws, acids and bases, basic organic nomenclature, equilibrium, kinetics, and thermochemistry. TI-83/ 84 or N-Spire family of graphing calculators is required. NOTE: Students who have taken regular biology CAN take honors chemistry with a solid B for the second semester in regular biology and teacher recommendation.

ADVANCED PLACEMENT CHEMISTRY

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites: Honors Chemistry **Coreq:** PreCalc or higher math.

Instructor Approval Required: Yes

Course Description: This FULL YEAR course is a continuation of the study of chemistry. The student explores in greater depth such topics as rates of reactions, oxidation-reduction, solutions and equilibrium. TI-83/ 84 or N-Spire family of graphing calculators is required. Students must take the Advanced Placement Exam to receive the A.P. designation on the transcript and to have the additional honor point calculated into the grade point average.

PHYSICS

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites: Any Chemistry

Instructor Approval Required: NO

Course Description: This course (or AP Physics 1) is strongly recommended for the college bound student. Through frequent group and individual laboratory experiences, the student learns about key principles of motion and forces, as well as momentum and energy. New for the next school year, this course will integrate a significant amount of astronomy and space science (to include telescopes and rocketry). Basic coding skills (using Vpython) are a part of this course. Physics rounds out the high school science curriculum for any college-bound student. Any scientific calculator (can work with exponents) is required.

ADVANCED PLACEMENT PHYSICS 1

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites: Any Chemistry. **Coreq:** Pre-calc or Calc

Instructor Approval Required: Yes

Course Description: AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based

learning, students will develop scientific critical thinking and reasoning skills. A previous physics course is not a requirement, but students who have previously taken Physics may take AP Physics 1 as an additional Science credit. Basic coding skills (using Vpython) are a part of this course. This course is strongly recommended for students anticipating a science, engineering, or medical career field where college-level physics will be required. Students must take the Advanced Placement Exam to receive the A.P. designation on the transcript and have the additional honor point calculated into the grade point average. Any scientific calculator (can work with exponents) is required.

ADVANCED PLACEMENT PHYSICS 2

Grade Level(s): 12 **Credits Per Semester:** 0.5

Prerequisites: AP Physics 1 **Coreq:** Pre-calc or Calc

Instructor Approval Required: Yes

Course Description: AP Physics 2 is a follow-on to AP Physics 1. AP Physics 2 is an algebra-based, introductory college-level physics course that explores topics such as fluid statics and dynamics, thermodynamics with kinetic theory, electrostatics, electrical circuits with capacitors, magnetic fields, electromagnetism, physical and geometric optics, and quantum, atomic, and nuclear physics. Through inquiry-based learning, students will also develop scientific critical thinking and reasoning skills. Basic coding skills (using Vpython) are a part of this course. Any scientific calculator (can work with exponents) is required. Students must take the Advanced Placement Exam to receive the A.P. designation on the transcript and have the additional honor point calculated into the grade point average.

HUMAN ANATOMY AND PHYSIOLOGY

Grade Level(s): 11-12 **Credits Per Semester:** 0.5

Prerequisites: **Coreq:** Chemistry or Honors Chemistry

Instructor Approval Required: No

Course Description: Students will learn the importance of the structure and function of the human body through lecture, laboratory experience and dissection. Students interested in pursuing a health or medical related field in college should consider taking this course. Literature review, research, and writing are a significant part of this course.

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

Grade Level(s): 11-12 **Credits Per Semester:** 0.5

Prerequisites: Any Chemistry. **Coreq:** Pre-calc or Calc & Teacher Recomm.

Instructor Approval Required: Yes

Course Description: This FULL YEAR course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Any scientific calculator (can work with exponents) is required. Students must take the Advanced Placement Exam to receive the A.P. designation on the transcript and to have the additional honor point calculated into the grade point average.

ELECTRONICS WITH MICRO-CONTROLLERS

Grade Level(s): 10-12 **Credits Per Semester:** 0.5

Prerequisites: No Prerequisites

Instructor Approval Required: No

Course Description: This course covers an introduction to direct current electronics as well as programming the Arduino micro-controller platform. Student will have hands-on experience, building and programming many different types of projects. It will NOT meet the core science requirement for some major universities, but is an NCAA approved science course.

ROBOTICS

Grade Level(s): 11-12 **Credits Per Semester:** 0.5

Prerequisites: Electronics, Programming, or AP CS principles

Instructor Approval Required: No

Course Description: This one semester course for juniors and seniors gives students an introduction to the field of robotics while using and focusing on the Engineering Design Process (EDP) through using mechanical, electrical, and computation engineering. In building a robot, students will learn creativity and engineering based concepts such as gear ratio, torque, power, lifting systems, and mechanical integration.

SCIENCE IN THE NEWS

Grade Level(s): 9-12 **Credits Per Semester:** 0.5

Prerequisites: None

Instructor Approval Required: No

Course Description: The goal of this class is to prepare students to develop a clear and concise writing style suited for science online publications (blogs, tweets, online newspaper, and science magazine feature content) and to nurture the skills and habits of the science journalist.

SCIENCE RESEARCH

Grade Level(s): 10-12 **Credits Per Semester:** 0.5

Prerequisites: Science in the News

Instructor Approval Required: No

Course Description: This course is a continuation of Science in the News. Intended to allow students to expand upon their science journalism skills.

ENVIRONMENTAL SCIENCE

Grade Level(s): 11-12 **Credits Per Semester:** 0.5

Prerequisites: Honors Biology or Biology

Instructor Approval Required: No

Course Description: Lecture and laboratory experiences enable the student to learn the interactions of living organisms to each other and to their environments. The interaction of humans as a population in the ecosystem and the human use of the world's resources are emphasized. Students participate in the study of the Rouge River. Any scientific calculator (can work with exponents) is required.

MICROBIOLOGY

Grade Level(s): 11-12 **Credits Per Semester:** 0.5

Prerequisites: Any Biology. **Coreq:** Chemistry

Instructor Approval Required: Yes

Course Description: This is a semester course that introduces students to the foundations of microbiology as well as laboratory techniques. Concepts include the ecology and diversity of microbial communities in soil, water and air and the role microbes play in their everyday lives. In the laboratory, students will learn specialized techniques for sampling, culture, isolation, identification and carry out inquiry based investigations that require group cooperation and discussion.

LAB ASSISTANT

Grade Level(s): 11-12 **Credits Per Semester:** 0.5

Prerequisites: Science through Chemistry; placement pending teacher approval

Instructor Approval Required: Yes

Course Description: Duties of a science student assistant include assisting in a laboratory setting, setting up labs, preparing chemicals used in the laboratory and supervising their use and disposal. Assistants may also be asked to perform and record themselves doing experiments and editing the

video for absent students. Assistants will also assist students in the use of equipment and clean up/storage of lab materials.

SOCIAL STUDIES

GRADUATION REQUIREMENT: 3.0 credits

(1-World History; 1-American History; 0.5-American Government; 0.5-Economics)

WORLD HISTORY AND GEOGRAPHY

Grade Level(s): 10 **Credits Per Semester: 0.5**

Prerequisites:

Instructor Approval Required: No

Course Description: This course focuses primarily on the history of western civilization from Roman times through the global world of the 1990s. Particular emphasis is placed on the development of European world powers.

ADVANCED PLACEMENT WORLD HISTORY

Grade Level(s): 10 **Credits Per Semester: 0.5**

Prerequisites:

Instructor Approval Required: Yes

Course Description: This college level FULL YEAR course offers an intensive study of world history, with an emphasis on global societal diversity as well as the story of "how we became us." The course addresses the nature of global changes, causes and consequences of historic events and human behaviors, and comparisons among global societies. It emphasizes relevant factual knowledge, interpretive thinking, and skills in analyzing historical evidence. Students must take the Advanced Placement Exam to receive the A.P. designation on the transcript and have the additional honor point calculated into the grade point average.

AMERICAN HISTORY

Grade Level(s): 11 **Credits Per Semester: 0.5**

Prerequisites:

Instructor Approval Required: No

Course Description: This FULL YEAR course provides the basic foundation of knowledge concerning U.S. history. The first semester offers a broad historical survey of the development of the American nation from the colonial period to the Civil War. The second semester is a historical survey from Reconstruction to post World War II tracing the growth of the U.S. as an emerging modern state. Special focus is placed on the Progressive Era, the New Deal, World War II and Cold War issues.

ADVANCED PLACEMENT AMERICAN HISTORY

Grade Level(s): 11 **Credits Per Semester: 0.5**

Prerequisites:

Instructor Approval Required: Yes

Course Description: This FULL YEAR college level course offers an intensive study of American history from the colonial era to post World War II. Emphasis is placed upon the political, economic and social influences that have shaped America. Discussion, writing skills and outside research are stressed. Students must take the Advanced Placement Exam to receive the A.P. designation on the transcript and have the additional honor point calculated into the grade point average.

AMERICAN GOVERNMENT

Grade Level(s): 12 **Credits Per Semester: 0.5**

Prerequisites:

Instructor Approval Required: No

Course Description: This course is a study of the American democratic government through the rise of America's political institutions. The study includes examining government on the federal and state levels. Federal government receives special emphasis, but comparisons between all levels of government are made throughout the course. Current events are integrated throughout the course.

ADVANCED PLACEMENT AMERICAN GOVERNMENT

Grade Level(s): 12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: Yes

Course Description: This FULL YEAR college level course offers the student an in-depth study of the functions and operation of national, state and local governments. The course includes a study of the three branches of the national government, political parties, pressure groups and the importance of citizen participation in government. Students must take the Advanced Placement Exam to receive the A.P. designation on the transcript and have the additional honor point calculated into the grade point average.

ECONOMICS

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course offers the student with a thorough study of economics. The study includes the market economy by examining individual, business and government choices as well as competitive markets, price, supply and demand, and the role of government. The national and international economies are studied with emphasis on economic systems, economic interdependence, and international trade. The final component is personal finance with emphasis on decision-making, budgeting, banking and investment.

AMERICAN LAW

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This class is a one-semester elective course that explores the role of law in American society. It is intended to provide students with an opportunity to study constitutional law, civil and criminal laws, court procedures, and civil rights in connection to our everyday lives. Throughout the course, students will evaluate the themes of justice and fairness through analyzing cases, current events, and participating in class discussion.

PSYCHOLOGY

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course offers the student the opportunity to develop critical thought about human behavior by integrating social/biological and psychological perspectives. Course content includes motivation, personality, emotions, the thinking process, learning theory, physical psychology and social psychology.

THEOLOGY

GRADUATION REQUIREMENT: 4 credits and completion of Christian Service Hours

THEOLOGY 9

Grade Level(s): 9

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: The first semester lays the foundation for the study of theology, introduces the Bible, and surveys the story of the development of the people of Israel. It sets up the second semester, which further details the anticipation for the messiah and then ultimately explores Jesus' birth, ministry, saving death and resurrection. The course concludes by introducing the early Christian Church that developed from Jesus' ministry and teachings, which segues into the study of Church History in 10th grade.

THEOLOGY 10

Grade Level(s): 10

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course is designed to provide students with foundational knowledge of the mission and history of the Catholic Church and the Sacraments from apostolic times to the present day. We begin our study with the establishment of the Church by Jesus Christ through the Apostles and its evolution through history with the guidance of the Holy Spirit. We will consider the religious, political, economic, and social tensions that affected the Church over time. In addition, we will learn about significant men and women who defined the nature and role of the Church in each period of history.

THEOLOGY 11

Grade Level(s): 11

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: In this course, students will develop an understanding of the human person's desire for divine happiness as well as the roles that human freedom and just law play in satisfying that desire. Students will explore the necessity of grace and objective truth in enabling human beings to live moral lives both individually and collectively which nurture one's communion with God, others, and creation. Students will learn the philosophical and moral concepts used to make authentic choices rooted in truth, beauty, and goodness as a disciple of Jesus Christ.

THEOLOGY 12WR- WORLD RELIGIONS

Grade Level(s): 12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: The purpose of this course is to help students understand how the Catholic Church relates to non-Catholic Christians as well as to other religions of the world. Building on the foundational truth that Jesus Christ established the Catholic Church, using a comparative and empathetic approach, we recognize the ways in which important spiritual truths can be found in non-Catholic Christian churches as well as in non-Christian religions. It is also intended to help students recognize the ways in which other systems of belief and practice differ from the Catholic faith.

THEOLOGY 12WR- WORLD RELIGIONS (0-HOUR)**Grade Level(s):** 12**Credits Per Semester:** 0.5**Prerequisites:****Instructor Approval Required:** No

Course Description: The purpose of this course is to help students understand how the Catholic Church relates to non-Catholic Christians as well as to other religions of the world. Building on the foundational truth that Jesus Christ established the Catholic Church, using a comparative and empathetic approach, we recognize the ways in which important spiritual truths can be found in non-Catholic Christian churches as well as in non-Christian religions. It is also intended to help students recognize the ways in which other systems of belief and practice differ from the Catholic faith. (This course may be offered during 0 hour (6:50 - 7:30 daily), though it may develop into a hybrid or more asynchronous course similar to courses offered in our Virtual Falcon model.)

THEOLOGY 12TCL- THE CHRISTIAN LIFE (0-HOUR)**Grade Level(s):** 12**Credits Per Semester:** 0.5**Prerequisites:****Instructor Approval Required:** No

Course Description: This course will focus on preparing students to live out their vocation as a member of the Body of Christ. We will begin by exploring the universal call to holiness and a Christian approach to spirituality. Specifically, we will look at the challenges of living a Christian life in a secular world. Together, students will explore various aspects of Christian spirituality such as membership in the Church, sexuality, and the Christian approach to grappling with suffering and death. We will conclude the course with a close examination of Catholic Social Teaching and what it means to live as a disciple of Christ in a global community. Students will be encouraged to engage in a thoughtful examination of their lives, identities, and relationship with Christ and his Church. (This course may be offered during 0 hour (6:50 - 7:30 daily), though it may develop into a hybrid or more asynchronous course similar to courses offered in our Virtual Falcon model.)

THEOLOGY 12TCL- THE CHRISTIAN LIFE**Grade Level(s):** 12**Credits Per Semester:** 0.5**Prerequisites:****Instructor Approval Required:** No

Course Description: The Christian Life is a senior theology course that will focus on preparing students to live out their vocation as a member of the Body of Christ. We will begin by exploring the universal call to holiness and a Christian approach to spirituality. Specifically, we will look at the challenges of living a Christian life in a secular world. Together, students will explore various aspects of Christian spirituality such as membership in the Church, sexuality, and the Christian approach to grappling with suffering and death. We will conclude the course with a close examination of Catholic Social Teaching and what it means to live as a disciple of Christ in a global community. Students will be encouraged to engage in a thoughtful examination of their lives, identities, and relationship with Christ and his Church.

WORLD LANGUAGES

GRADUATION REQUIREMENT: 2 credits (2 consecutive years of the language)

GERMAN 1

Grade Level(s): 9

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course provides a basis for learning modern German as it is spoken and written today. It aims to lead the student to a better understanding of German-speaking peoples and lands and recognizes that the best way to achieve that understanding is through communication in the language. Any student who fails either semester of German 1 is required to repeat German 1 the following year.

HONORS GERMAN 1

Grade Level(s): 9

Credits Per Semester: 0.5

Prerequisites: Placement in Hon. Eng 9

Instructor Approval Required: Yes

Course Description: This course is designed to give the advanced student an accelerated introduction to German language and culture. The four basic skills of language acquisition will be presented (reading, writing, listening and speaking) at a faster pace than in German 1. There will be more supplementary activities to challenge the students to attain a higher level of proficiency, including short stories. The expectation is that during this course students will master the equivalent to one semester of German at the university level, which will be demonstrated through assessments.

LATIN 1

Grade Level(s): 9

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course provides an introduction to the grammar, syntax and construction of the Latin Language as it was used during the Golden Age of Latin Literature (100 B.C. – 100 A.D.). The focus of this course is for the students to acquire an elementary reading proficiency in Latin, gained through various activities, such as reading, listening and writing activities. Through the study of Roman culture, history and literature the students will be introduced to how the Romans (and Greeks) have influenced various cultures and societies, including our own.

HONORS LATIN 1

Grade Level(s): 9

Credits Per Semester: 0.5

Prerequisites: Placement in Hon. Eng 9

Instructor Approval Required: Yes

Course Description: This course provides an accelerated introduction to the grammar, syntax and construction of the Latin Language as it was used during the Golden Age of Latin Literature (100 B.C. – 100 A.D.). The focus of this course is for the students to acquire an elementary reading proficiency in Latin, gained through various activities, such as reading, listening and writing activities. The expectation is that during this year long course the students will master the equivalent to one semester of Latin at the university level, which will be shown through their assessments.

SPANISH 1

Grade Level(s): 9

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course is designed to give the student an introductory command of the Spanish language. It stresses the listening and speaking of the language, and it adds the visual

reinforcement of reading and writing Spanish. The course aims to introduce the student to the Spanish-speaking world through glimpses of life as it is lived in the Spanish-speaking world. Any student who fails either semester of Spanish 1 is required to repeat Spanish 1 the following year.

HONORS SPANISH 1

Grade Level(s): 9 **Credits Per Semester:** 0.5

Prerequisites: Placement in Hon. Eng 9

Instructor Approval Required: Yes

Course Description: This course is designed to give the advanced student an accelerated introduction to the Spanish language and culture. The four basic skills of language acquisition will be presented (reading, writing, listening and speaking) at a faster pace than in Spanish 1. There will be more supplementary activities to challenge the students to attain a higher level of proficiency. Class is primarily conducted in Spanish.

GERMAN 2

Grade Level(s): 10 **Credits Per Semester:** 0.5

Prerequisites: German 1

Instructor Approval Required: No

Course Description: This course provides the student with the opportunity to review and expand the structures and vocabulary learned in German 1. Emphasis is on the listening, speaking, reading and writing of the language.

HONORS GERMAN 2

Grade Level(s): 10 **Credits Per Semester:** 0.5

Prerequisites: Hrs. Germ 1 & Instructor Approval

Instructor Approval Required: Yes

Course Description:

This course gives the advanced student an accelerated introduction to German language and culture. The four basic skills of language acquisition (reading, writing, listening and speaking) are at a faster pace than in German 2. There will be more supplementary activities to challenge the students to attain a higher level of proficiency, including short stories. The expectation is that during this course students will master the equivalent to one semester of German at the university level, as demonstrated through assessments.

LATIN 2

Grade Level(s): 10 **Credits Per Semester:** 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course provides a continuation of the grammar, syntax and construction of the Latin Language as it was used during the Golden Age of Latin Literature (100 B.C.-100 A.D.). The focus of this course is for the students to acquire an elementary reading proficiency in Latin, gained through various activities, such as reading, listening, speaking and writing activities. Through the study of Roman culture, history and literature the students will also continue their study of how the Roman (and Greeks) has influenced various cultures and societies, including our own. Any student who fails either semester of Latin 2 is required to repeat Latin 2 the following year.

HONORS LATIN 2

Grade Level(s): 10 **Credits Per Semester:** 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course provides a continuation our accelerated study of the grammar, syntax and construction of the Latin Language as it was used during the Golden Age of Latin Literature (100 B.C. – 100 A.D.). The focus of this course is for the students to acquire an elementary

reading proficiency in Latin, gained through various activities, such as reading, listening, speaking and writing activities. The expectation is that during this year long course the students will master the equivalent to one semester of Latin at the university level, which will be shown through their assessments.

SPANISH 2

Grade Level(s): 10

Credits Per Semester: 0.5

Prerequisites: Spanish 1

Instructor Approval Required: No

Course Description: This course is designed to improve and expand the basic skills of speaking, listening, reading and writing the Spanish language as studied in Spanish 1. The cultural focus is life in the Spanish-speaking world.

HONORS SPANISH 2

Grade Level(s): 10

Credits Per Semester: 0.5

Prerequisites: Hrs. Spanish 1 & Instructor Approval

Instructor Approval Required: Yes

Course Description: This course is designed to continue Honors Spanish 1 at an accelerated pace. The four skills of language acquisition will be honed at a higher level than Spanish 2. Advanced supplementary activities will continue. Students will be exposed to additional reading selections. Additional cultural themes will be covered. The class will be conducted primarily in Spanish.

HONORS GERMAN 3

Grade Level(s): 11

Credits Per Semester: 0.5

Prerequisites: Hrs. Germ 2 & Instructor approval

Instructor Approval Required: Yes

Course Description: This course provides the advanced student an accelerated approach to learning German language and culture. The four basic skills of language acquisition (reading, writing, listening and speaking) are at a faster pace than in German 3. There will be more supplementary activities to challenge the students to attain a higher level of proficiency, including short stories and longer reading passages. The expectation is that during this course students will master the equivalent to one semester of German at the university level, as demonstrated through assessments.

HONORS LATIN 3

Grade Level(s): 11

Credits Per Semester: 0.5

Prerequisites: Hrs. Latin 2 & Instructor Approval

Instructor Approval Required: Yes

Course Description: This course provides an intensive continuation of the grammar, syntax and construction of the Latin Language as it was used during the Golden Age of Latin Literature (100 B.C. – 100 A.D.). In order to improve our reading proficiency, we will be reading and analyzing both modified and original Latin prose and poetry texts. Some of the authors we will be reading are Cicero, Caesar, Livy, Ovid, Catullus and Vergil. By the end of the year, students will have gained an understanding of the Late Roman Republic and Rise of the Roman Empire as seen through the writings of these authors. Through the study of Roman culture, history and literature the students will also continue their study of how the Romans (and Greeks) have influenced various cultures and societies, including our own. The expectation is that during this year long course the students will master the equivalent to one semester of Latin at the university level, which will be shown through their assessments.

SPANISH 3

Grade Level(s): 11

Credits Per Semester: 0.5

Prerequisites: Spanish 2

Instructor Approval Required: Yes

Course Description: This course is designed to give the student an opportunity to apply the basic skills learned in Spanish 1 and 2. This is done through oral presentations, the continued study of grammar and an introduction to reading for meaning. The cultural focus is life in the Spanish-speaking world.

HONORS SPANISH 3

Grade Level(s): 11

Credits Per Semester: 0.5

Prerequisites: Hrs. Spanish 2 & Instructor Approval

Instructor Approval Required: Yes

Course Description: This course is designed for students to acquire language proficiency at a more advanced pace. The class will be conducted predominantly in the target language to increase students' ability to function in Spanish. Some exposure to literature will be introduced.

HONORS GERMAN 4

Grade Level(s): 11

Credits Per Semester: 0.5

Prerequisites: Hrs. Germ 3 & Instructor approval

Instructor Approval Required: Yes

Course Description: This course provides the advanced student an accelerated approach to developing German language and culture skills. The four basic skills of language acquisition (reading, writing, listening and speaking) are at a faster pace than in German 4. There are more supplementary activities to challenge the students to attain a higher level of proficiency, including short stories, fairy tales, and letters. The expectation is that during this course students will master the equivalent to one semester of German at the university level, as demonstrated through assessments.

ADVANCED PLACEMENT LATIN

Grade Level(s): 12

Credits Per Semester: 0.5

Prerequisites: Hrs. Latin 3 & Instructor Approval

Instructor Approval Required: Yes

Course Description: In this FULL YEAR course we will be reading and analyzing the Advance Placement Vergil Latin syllabus, which consists of Vergil's Aeneid in preparation for the Advanced Placement Latin Exam. Along with gaining the ability to read and analyze Latin poetry, the students will gain a deeper appreciation for the influence the Romans and Greeks have had on our Western Civilization. Writing assignments focus on the critical analysis of literature, including expository, analytical and argumentative essays. A summer reading list for this course will be provided prior to the beginning of the class. Students must take the Advanced Placement Exam to receive the A.P. designation on the transcript and have the additional honor point calculated into the grade point average.

SPANISH 4

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites: Spanish 3

Instructor Approval Required: Yes

Course Description: This class will provide the student with the goal to continue his/her skills toward fluency in the areas of listening, speaking, reading comprehension, writing, and the understanding of the Spanish culture. Reading modern Hispanic literature will be introduced along with an emphasis on creating meaningful conversations through relevant and stimulating themes.

HONORS SPANISH 4

Grade Level(s): 12

Credits Per Semester: 0.5

Prerequisites: Hrs. Spanish 3 & Instructor Approval

Instructor Approval Required: Yes

Course Description: This course is a continuation of Honors Spanish 3. Students will continue to acquire proficiency at an accelerated pace. The class will be conducted completely in Spanish. Emphasis will be placed on interpersonal communication, interpretive communication and presentational

communication. Students will be required to take either the Advanced Placement Language and Culture exam or the CLEP exam at the end of the course.

HONORS GREEK 1

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: Yes

Course Description: In order to register for this course, students will have needed to have completed at least 1 year of another world language, earning at least an A, (and)/or have a recommendation from a language teacher. You are also expected to continue with your first language, adding Greek as your second language.

This course provides an intense introduction to the grammar, syntax and construction of the Ancient Greek Language as it was used during the Homeric and Classical Periods (750 B.C.-400ish B.C.), with some exposure to Koine Greek (Biblical Greek – 1st-2nd century A.D.). Major readings will be from Homer, Euripides, Sophocles, Herodotus, Xenophon, Thucydides, Plato and several others. The focus of this course is for the students to acquire an elementary reading proficiency in Ancient Greek, gained through various activities, such as reading, listening and writing activities. Through the study of Greek culture, history and literature the students will also be introduced to how the Greeks have influenced various cultures and societies, including our own. Major culture topics will consist of the Homeric Hero, Greek Tragedies, the Persian and Peloponnesian Wars, the development of democracy, and the development of Christianity and several other pertinent topics. The expectation is that during this year long course the students will master the equivalent to one semester of Ancient Greek at the university level, which will be shown through their assessments. --Offering of this class is contingent upon demand. Typically, it is taken in a 0-hour format, prior to the school day, and in addition to a full schedule.

HONORS GREEK 2

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites: Hrs. Greek 1 & Instructor Approval

Instructor Approval Required: Yes

Course Description: In order to register for this course, students will have to have completed Honors Ancient Greek 1 at a B level or higher, and to have completed at least 2 years of another world language, earning at least a B, (and)/or have a recommendation from a language teacher. You are also expected to continue with your first language, continuing with Ancient Greek as your second language.

This course is a continuation of Honors Greek 1 in which we will continue to explore grammar, syntax and the constructions of the Ancient Greek Language as it was used during the Homeric and Classical Periods (750 B.C.-400ish B.C.), with some exposure to Koine Greek (Biblical Greek – 1st-2nd century A.D.). By the end of the year, students will be reading original texts from ancient authors, such as Homer, Euripides, Sophocles, Herodotus, Xenophon, Thucydides, Plato and several others. The focus of this course is for the students to increase their reading proficiency in Ancient Greek, gained through various activities, such as reading, listening and writing. Through the study of Greek culture, history and literature the students will also be introduced to how the Greeks have influenced various cultures and societies, including our own. Major culture topics will consist of the Homeric Hero, Greek Tragedies, Greek Philosophy, the Persian and Peloponnesian Wars, the development of democracy, and the development of Christianity and several other pertinent topics. The expectation is that during this year long course the students will master the equivalent to one semester of Ancient Greek at the university level, which will be shown through their assessments. --Offering of this class is contingent upon demand. Typically, it is taken in a 0-hour format, prior to the school day, and in addition to a full schedule.

HONORS GREEK 3

Grade Level(s): 12

Credits Per Semester: 0.5

Prerequisites: Hrs. Greek 2 & Instructor Approval

Instructor Approval Required: Yes

Course Description: In this course, we will continue to explore the Ancient Greek Literary tradition, Culture and History through the reading of original texts. These texts will included, but are not limited to excerpts from Homer's Iliad and Odyssey, Plato's Ion, Republic, Apology, selected tragedies from Euripides, and history readings from Xenophon, Thucydides and Herodotus. The aim of this course will be student driven, as the instructor and students will decide on texts and topics that speak to the students' interests. Through our readings, the students will solidify their command of Greek syntax, morphology, grammar and vocabulary, along with deepening their understanding of the Greek world and how it continues to influence modernity. --Offering of this class is contingent upon demand. Typically, it is taken in a 0-hour format, prior to the school day, and in addition to a full schedule.

PHYSICAL EDUCATION/HEALTH

GRADUATION REQUIREMENT: 1 credit (0.5 PE, 0.5 Health)

PHYSICAL EDUCATION- MALE

Grade Level(s): 9

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: Students must have a physical examination before taking physical education and they must purchase a gym uniform. The goal of the physical education course is to gain a basic knowledge of sport skills and physical fitness as a source of enrichment. Students will have the opportunity to be certified in Boater Safety

PHYSICAL EDUCATION- FEMALE

Grade Level(s): 9

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: Students must have a physical examination before taking physical education and they must purchase a gym uniform. The goal of the physical education course is to gain a basic knowledge of sport skills and physical fitness as a source of enrichment. Students will have the opportunity to be certified in Boater Safety

HEALTH

Grade Level(s): 9

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: Topics covered in this course include coping with stress, mental health, personality, nutrition, substance abuse, reproductive health, sexually transmitted diseases, students will get American Red Cross CPR/First Aid/AED certified.

LIFE ACTIVITIES/TEAM SPORTS

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course is designed for the student who is interested in learning more about the rules, strategies, and ways to improve their abilities in team sports. In this class students will spend time participating in several of the country's most popular team sport activities.

CONDITIONING

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course is designed for the student interested in and serious about their physical fitness and sports performance. Students will focus on improving their individual physical fitness status and prepare for a sport season or for college. Class is mostly taught in weight room. This class does not fulfill the Physical Education graduation requirement.

PHYSICAL EDUCATION ASSISTANT- FEMALE

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: Yes

Course Description: Females Only: Being a PE assistant provides a student with the opportunity to help freshmen develop their skills in specific areas of physical activity. This student also aids the instructor by leading stretching activities at the beginning of the class and assisting in fitness testing. The student is given a PASS/FAIL grade. Being a PE assistant does NOT fulfill the graduation requirement for Physical Education.

PHYSICAL EDUCATION ASSISTANT- MALE

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: Yes

Course Description: Males Only: Being a PE assistant provides a student with the opportunity to help freshmen develop their skills in specific areas of physical activity. This student also aids the instructor by leading stretching activities at the beginning of the class and assisting in fitness testing. The student is given a PASS/FAIL grade. Being a PE assistant does NOT fulfill the graduation requirement for Physical Education.

APPLIED ARTS/FINE ARTS/PERFORMING ARTS

GRADUATION REQUIREMENT: 1.0 credit

ACTING 1

Grade Level(s): 9-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course is designed to give the student exposure to the performance aspect of theater through mime, improvisation and character development. Emphasis will be on the use of the body as a tool for effective communication and on interpretive vocal qualities. While a fine arts elective, Acting 1 will still require major papers and performances.

ACTING 2

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites: Acting 1

Instructor Approval Required: No

Course Description: This course, a continuation of Acting 1, provides the student with intensive study of purposeful stylistic movement, acting with others onstage, and extensive character development. Students will perform monologues and scenes from classic through modern drama with the intention of adding to their performance repertoire and portfolio. Extensive time will also be allocated to preparation for auditions and working in a professional setting.

ADVANCED PLACEMENT ART HISTORY

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: Yes

Course Description: This FULL YEAR course offers an introduction to the visual arts in history. It is designed to develop the student's understanding and enjoyment of works of art by examining them intelligently. The student studies the history of the visual arts from the time of the cave man to the present. Emphasis is placed on the last 500 years of human beings' artistic development. Students must take the Advanced Placement Exam to receive the A.P. designation on the transcript and have the additional honor point calculated into the grade point average. (This course may be offered during 0 hour (6:50 - 7:30 daily), though it may develop into a hybrid or more asynchronous course similar to courses offered in our Virtual Falcon model.)

CERAMICS

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course is designed to train students in the use of clay as an art form. Emphasis is placed on craftsmanship and focuses on a range of different hand- building techniques. This course is repeatable for more advanced project and instructions.

ADVANCED CERAMICS

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites: Ceramics

Instructor Approval Required: Yes

Course Description: Students will have the option to learn throwing clay on the wheel or can receive advanced instruction in continuing to develop their hand building techniques.

CHORUS

Grade Level(s): 9-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This mixed ensemble is designed for students who enjoy singing as well as for those who are just learning about their voice and the fundamentals of music. It meets during the school day and is offered for credit each semester.

ADVANCED CHORUS

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites: Chorus or permission by director

Instructor Approval Required: Yes

Course Description: This ensemble is a continuation of first time students in chorus. This ensemble will expand on vocal repertoire and is a performance based class. This course is a full year commitment

CLOTHING 1

Grade Level(s): 9-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: All levels of expertise are accepted-from very basic beginners to those with some sewing experience. Topics covered include: fabric and pattern selection, use of the pattern, basic garment construction, as well as sleeves, collars, buttonholes, pockets and zippers. FEES: Students must purchase their own supplies.

ADVANCED CLOTHING

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites: Clothing 1

Instructor Approval Required: Yes

Course Description: This class is designed for students to implement their advanced skills in reading patterns, cutting and pressing skills by creating a lined jacket and a child's garment.

INDEPENDENT CLOTHING

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites: Advanced Clothing

Instructor Approval Required: Yes

Course Description: Students choose projects of choice. Grade is based on daily participation, labs and completed projects.

COMMERCIAL ILLUSTRATION

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites: Drawing or Design

Instructor Approval Required: Yes

Course Description: An advanced studio art course aimed to guide students who have a serious career interest in art. This class will teach not only multimedia assignments but will show the business side of being a commercial artist and illustrator. There will be an understanding of how one work of art can be used and manipulated to serve more than one purpose. Examples of potential projects are: Greeting and Holiday Cards, Book Covers, Story Boards, Magazine Spot Illustrations, Poster Designs, Business Cards, Logo Designs and Editorial Illustrations.

CONCERT BAND

Grade Level(s): 9

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: Yes

Course Description: The Concert Band is a freshmen level band of Divine Child HS. Emphasis will be placed on developing student's musical skills and techniques on their instrument. Upperclassmen may take this class to practice a 2nd instrument. The Concert band may participate in M.S.B.O.A. Sponsored events (solo and ensemble, and band festival). This band will join the Symphonic Band during the concert season. This course is a full year commitment. FEE: There is a participation fee for this class. Contact Director of Bands.

DESIGN

Grade Level(s): 9-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course is designed to introduce students to the principles and elements of design. Students will learn about composition, arrangement and how to solve visual problems. The student is encouraged to explore their creative potential while learning how to work with color. This course is repeatable for more advanced projects and instruction.

ADVANCED DESIGN

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites: Design

Instructor Approval Required: Yes

Course Description: Students will continue to explore the world of design through more advanced instruction and projects giving them an even deeper understanding of the elements, principles and aesthetic.

DRAWING

Grade Level(s): 9-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course is designed for the student who has an interest in developing their drawing skills. It also serves as a perfect fit for those incapable of "drawing a stick figure" as well as the student with more experience. Over the course of the class, the student will develop the skill set to conquer a variety of drawings. Such skills learned will involve measuring, 2-point perspective, grid drawing, and self-portraits.

ADVANCED DRAWING

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites: Drawing

Instructor Approval Required: No

Course Description: This course is designed for students who are interested in further developing their drawing skills. Building upon the skills learned in beginning drawing the student will work in different color medias. Projects will include the use of color pencil, pastels, markers and inks.

EUROPEAN CUISINE

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites: Pastry Arts, earning a B or better

Instructor Approval Required: Yes

Course Description: This course places emphasis on the preparation of various ethnic foods and study of European culture.

FOOD PREPARATION TECHNIQUES

Grade Level(s): 9-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course allows the student to develop various skills and techniques needed in preparing food. Labs include quick breads, yeast breads, cookies, milk, cheese, fruits, and vegetables. Units in label reading and table etiquette are also included. Special attention is given to the importance of nutrition in the daily diet.

APPLIED ARTS ASSISTANT

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites: Food Prep

Instructor Approval Required: Yes

Course Description: Students will assist with organizational and classroom duties, especially supporting classroom lab preparation. The student is given a PASS/FAIL grade.

INTRO DIGITAL ART

Grade Level(s): 9-12

Credits Per Semester: 0.5

Prerequisites: Design or previous art experience is helpful but not required.

Instructor Approval Required: No

Course Description: This introductory class focuses on the Adobe Illustrator and Photoshop programs. Its focus is on the skills needed to better understand this software and the creative process using the computer as the medium.

INTRODUCTION TO THEATER TECH

Grade Level(s): 9-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course is a hands-on introduction to the understanding, design, crafting, and execution of theatrical production. Students will develop on both design and construction in several areas, which include: set design and construction, painting, lighting design and hanging, costume and make-up design and sound design.

MUSIC APPRECIATION

Grade Level(s): 9-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course will develop the skill of listening intelligently to music with emphasis upon the development of music as an art. Classroom discussions, listening lessons and readings will guide the student to an understanding of various types, forms and styles of instrumental and vocal music of the world, stimulating perception and enjoyment of music. Representative works of all periods and cultures, including contemporary developments, will be studied.

OIL PAINTING

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites: WtrclrPntg, UNLESS A SENIOR

Instructor Approval Required: No

Course Description: This course is heavily focused on oil based painting. Students in this in this class will gain a well-rounded understanding of how to use opaque painting practices. Techniques such as: glazing and impasto will be covered and build upon so students can further familiarize their self in all of the opportunities this medium can offer. Some assignments in the class will include: Landscape Paintings, Portraiture, Wildlife Painting and Still Life Paintings.

ADVANCED OIL PAINTING

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites: Oil Painting

Instructor Approval Required: Yes

Course Description: An advanced course focused on oil based painting at a more indepth level. In this class, students will be expected to produce much larger paintings and will be pushed to work outside of their comfort zone to gain even more mastery of the medium. Assignments will be focused on producing original compositions and utilizing references to do so. Examples of projects could be: Landscape Paintings, Portraiture, Wildlife Paintings, and Still Life Paintings.

WATERCOLOR PAINTING

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites: Drawing or Design

Instructor Approval Required: No

Course Description: A course focused on water based painting. In this class, students will be taught how to utilize this translucent medium to their advantage and will learn techniques such as: layered washes and resists to bring out the full potential this medium has to offer. Some potential assignments will include: Landscape Paintings, Portraiture, Wildlife Paintings and Still Life Paintings.

ADVANCED WATERCOLOR PAINTING

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites: Watercolor Painting

Instructor Approval Required: Yes

Course Description: An advanced course focused on water based painting at a more indepth level. In this class, students will be expected to produce larger paintings and will be pushed to work outside of their comfort zone to gain even more mastery of the medium. Assignments will be focused on producing original compositions and utilizing references to do so. Examples of projects could be: Landscape Paintings, Portraiture, Wildlife Paintings, and Still Life Paintings.

PASTRY ARTS

Grade Level(s): 10-12 **Credits Per Semester:** 0.5

Prerequisites: Food Prep, earning a B- or better

Instructor Approval Required: YES

Course Description: This course adds to the student's basic knowledge of food preparation. The student will apply basic food preparation techniques to pastry products as well as learn the science behind the art of baking which affords them the opportunity to explore an entrepreneur project in which students develop a cookie recipe, package, advertise, and sell pastry products.

ADVANCED PASTRY ARTS

Grade Level(s): 10-12 **Credits Per Semester:** 0.5

Prerequisites: Pastry Arts, earning a B or better

Instructor Approval Required: YES

Course Description: This is an advanced version of the Pastry Arts course for the student interested in further skill development.

PHOTOGRAPHY

Grade Level(s): 10-12 **Credits Per Semester:** 0.5

Prerequisites:

Instructor Approval Required: Yes

Course Description: This is an introductory course designed to provide instruction in the proper use of a digital camera. Emphasis will be placed on picture taking techniques, composition and computer enhancement. The student must provide his or her own digital camera. It should be understood that the quality of the final images will be limited by the technical capabilities of the camera that each student will be using.

PIANO KEYBOARDING

Grade Level(s): 9-12 **Credits Per Semester:** 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: Piano Keyboarding welcomes the beginner piano student. Music Theory, music notation, and music vocabulary will be discussed throughout the course. Students will be evaluated on performance as well as written assessments.

ADV. PIANO KEYBOARDING

Grade Level(s): 10-12 **Credits Per Semester:** 0.5

Prerequisites: Keyboarding or director permission

Instructor Approval Required: Yes

Course Description: This class is for those piano/keyboard players at the intermediate and advanced levels, as well as those students who took basic keyboarding. Music Theory, music notation, and music vocabulary will be discussed throughout the course. Students will be evaluated on performance as well as written assessments.

PRINTMAKING

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites: Drawing or Design can help but is not necessary

Instructor Approval Required: No

Course Description: This course is designed to introduce students to printmaking techniques. Printmaking students will learn and apply the techniques to create their own series of prints. Students will learn the skills involved in creating monotype, embossment, wood block, linoleum, and dry point prints.

ADVANCED PRINTMAKING

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites: Printmaking

Instructor Approval Required: Yes

Course Description: This advanced course is designed to dive deeper into printmaking techniques with students working on a larger format than in the introductory class. Printmaking students will learn and apply the techniques to create their own series of prints and work to produce original compositions utilizing a multitude of references. Students will learn the skills involved in creating monotype, embossment, wood block, linoleum, and dry point prints.

QUILTING 1

Grade Level(s): 9-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: Students will explore quilting techniques and complete a quilt over the semester.

ADVANCED QUILTING

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites: Quilting 1

Instructor Approval Required: Yes

Course Description: Students will continue to advance their quilting skills through advanced instruction and projects. (Students must purchase their own fabric and other supplies.)

SYMPHONIC BAND

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: Yes

Course Description: The Symphonic Band will meet to produce and appreciate the finest music in wind ensemble literature. Emphasis will be placed on advancing skills and techniques on the instruments of the symphonic band. The Symphonic Band may participate in M.S.B.O.A. sponsored events (solo and ensemble, and band festival). The Symphonic Band is for the more serious musician and those musicians are strongly urged to practice outside of normal class time. The band will prepare four concerts—Autumn, Holiday, Winter, and Spring. This course is a full year commitment. FEE: There is a participation fee for this class. Contact Director of Bands.

ADVANCED PLACEMENT MUSIC THEORY

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites: Teacher recommendation. Placement pending instructor approval.

Instructor Approval Required: Yes

Course Description: This Advanced Placement course will be introducing and developing the student in musicianship, theory, musical materials, and procedures. This is not just for those in band and choir. It may emphasize aspects of music, such as harmony; more often, however, it integrates aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and, to some extent, history and style. Musicianship skills such as dictation and other listening skills, sight-singing, and

keyboard harmony are considered an important part of the theory course. Students are required to take the Advanced Placement Exam to receive the A.P. designation on the transcript and have the additional honor point calculated into the grade point average.

VIDEO TECHNOLOGY

Grade Level(s): 9-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: Yes

Course Description: Students will assist with various video related duties, which are determined by the advising teacher.

WOODWORKING

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course offers the basics to woodworking. Hand carving and sculptural technologies are the foundation of this class. Students will learn how to take two dimensional drawings and designs and translate them into a three dimensional medium.

YEARBOOK

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: Yes

Course Description: This FULL YEAR course emphasizes the fundamental skills in how to plan, produce and finance a yearbook. This includes areas such as themes, content, picture and word coverage, layouts, copy, proofreading, advertising, etc. The student takes this course for a FULL year.

INDEPENDENT ART

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites: Prior art studies; placement pending instructor approval

Instructor Approval Required: Yes

Course Description: This course allows those students who want to take an advance level instruction but are experiencing scheduling conflicts. This course can be slotted to best suit students schedule. Curriculum will be based on students desired media that they wish to improve.

TECHNICAL STUDIES

GRADUATION REQUIREMENT: 0.5 Credits

(Completion of any: Intro to Tech., Web Design, Programming, or AP Computer Science Principles)

INTRODUCTION TO TECHNOLOGY

Grade Level(s): 9-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: Information to Technology will provide exposure to information technology concepts and careers as well as the impact that technology has in our school, community, workplace and the world. The content will include career research, operating system and software applications, electronic communication including E-mail and Internet services. Additionally, basic HTML, DHTML and XML web commands and designs will be introduced. SUCCESSFUL COMPLETION OF THIS CLASS FULFILLS THE GRADUATION REQUIREMENT FOR COMPUTER PROFICIENCY.

PROGRAMMING

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course will introduce students to computer programming. Students will learn fundamental concepts such as program decision making, repetitive processing, functions, and saving to files. This course is designed to prepare students for further computer science classes as well as explore career opportunities in programming. At the conclusion of this class, students should be able to develop moderate to advanced level desktop computer programs and games. SUCCESSFUL COMPLETION OF THIS CLASS FULFILLS THE GRADUATION REQUIREMENT FOR COMPUTER PROFICIENCY.

ACCOUNTING 1

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This semester course takes the beginning accounting student from opening accounting transactions through basic closing procedures encountered in a service business. The course describes various types of business situations and offers a foundation in accounting principles. This course may be used to fulfill one semester of the Math requirement for graduation.

INTRODUCTION TO BUSINESS

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This semester course explores business structures and organizations with an emphasis on management. It touches on topics such as accounting, economics, finance, management, and marketing.

WEB DESIGN

Grade Level(s): 9-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: Web design combines artistic, creative vision with technical knowledge to produce informative, appealing, and easy to use web sites. This class is an activity-oriented course in which students will explore strategies to effectively communicate using the Internet. Students will learn about site layout and content and will become proficient using web development languages and graphical user interface tools to achieve their design objectives. The curriculum and instruction of this course is meant to be offer an introduction to web development and design over the time frame of one semester. SUCCESSFUL COMPLETION OF THIS CLASS FULFILLS THE GRADUATION REQUIREMENT FOR COMPUTER PROFICIENCY.

ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites: 11th or 12th grade status, or instructor approval for 10th graders

Instructor Approval Required: Yes

Course Description: In this FULL YEAR course students will be introduced 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. This course is intended for all students, not just those who will be pursuing careers technical fields. SUCCESSFUL COMPLETION OF THIS CLASS FULFILLS

THE GRADUATION REQUIREMENT FOR COMPUTER PROFICIENCY. Students must take the Advanced Placement Exam to receive the A.P. designation on the transcript and to have the additional honor point calculated into the grade point average.

ADVANCED PLACEMENT COMPUTER SCIENCE A

Grade Level(s): 11-12

Credits Per Semester:

Prerequisites: Introduction to Programming or AP Computer Science Principles

Instructor Approval Required: Yes

Course Description: This is a rigorous FULL YEAR course in JAVA programming. It is intended for any student interested in computer programming, particularly those planning to study Computer Science or Engineering in college. SUCCESSFUL COMPLETION OF THIS CLASS FULFILLS THE GRADUATION REQUIREMENT FOR COMPUTER PROFICIENCY. Students must take the Advanced Placement Exam to receive the A.P. designation on the transcript and to have the additional honor point calculated into the grade point average.

GENERAL ELECTIVES FOR CREDIT

These courses all count toward the overall general elective credit requirement. General elective credit may also be earned through any core subject, art, or technology elective courses.

FRESHMAN SEMINAR

Grade Level(s): 9

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This semester-long course places the student at the heart of the educational process, as an active participant in their own learning and development. As such, it adopts an inquiry and problem solving based approach that focuses explicitly on a range of interdisciplinary skills that will provide the foundation necessary for success in subsequent high school courses.

STUDENT COUNCIL

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: Yes

Course Description: This FULL YEAR course is provided for all class officers and student council officers. It is meant to develop their communication and leadership skills so that the Student Council may more effectively contribute to the learning, growth and development of its individual members as well as the entire student body. The course provides opportunities for students to learn parliamentary procedures and the purpose and organization of their student government. Great emphasis is placed on student discussion and interaction.

TEST PREPARATION

Grade Level(s): 9-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This one semester course covers test-taking strategies such as time management and reading comprehension strategies such as inference and prediction. We leverage free tools such as SAT.ORG and Readworks. This class meets before school, after school and/or on weekends, as is convenient for students enrolled.

LIFE MANAGEMENT

Grade Level(s): 10-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This course will help a student develop the skills needed to live independently. Emphasis is placed on decision-making, career choices, entering the world of work, and consumer skills such as budgeting, banking, credit, insurance, and taxes. Students must participate in a mock interview. This class does NOT fulfill the graduation requirement for computer proficiency.

ATTENDANCE ASSISTANT

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: Yes

Course Description: Students will assist the Attendance Coordinator with organizational and secretarial duties. The student is given a PASS/FAIL grade.

ATHLETIC ASSISTANT

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: Yes

Course Description: Students will assist with organizational and secretarial duties. Computer skills preferred, but not required. The student is given a PASS/FAIL grade.

ACTIVITIES ASSISTANT

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: Yes

Course Description: Students will assist with organizational and secretarial duties. Computer skills preferred, but not required. The student is given a PASS/FAIL grade.

COUNSELING ASSISTANT

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: Yes

Course Description: Students will assist the Counselors and Social Worker with organizational and secretarial duties. Computer skills are preferred. The student is given a PASS/FAIL grade.

ADVANCED PLACEMENT RESEARCH

Grade Level(s): 11-12

Credits Per Semester: 0.5

Prerequisites: AP Seminar

Instructor Approval Required: Yes

Course Description: Students will take AP Seminar and AP Research by their 12th grade year. Students who earn scores of 3 or higher on the AP Seminar and AP Research Exams and on four additional AP Exams will receive the AP Capstone Diploma. Students are required to complete Data+Design over the summer before they start AP Seminar. Additional summer courses will be required during their high school career. AP Seminar is designed to strengthen student analytic and inquiry skills. Students will complete a team project at the end of the first semester and a 2,000 word individual paper and presentation at the end of the second semester. The individual paper will be submitted for consideration of a Davidson fellowship for gifted and talented youth. There will be an end-of-course exam in May of the AP Seminar year. Students must take the Advanced Placement Exam to receive the A.P. designation on the transcript and to have the additional honor point calculated into the grade point average.

ADVANCED PLACEMENT SEMINAR

Grade Level(s): 10-11

Credits Per Semester: 0.5

Prerequisites: Teacher recommendation. Placement pending instructor approval.

Instructor Approval Required: Yes

Course Description: Students will take AP Seminar and AP Research by their 12th grade year. Students who earn scores of 3 or higher on the AP Seminar and AP Research Exams and on four additional AP Exams will receive the AP Capstone Diploma. Students are required to complete Data+Design over the summer before they start AP Seminar. Additional summer courses will be required during their high school career. AP Seminar is designed to strengthen student analytic and inquiry skills. Students will complete a team project at the end of the first semester and a 2,000 word individual paper and presentation at the end of the second semester. The individual paper will be submitted for consideration of a Davidson fellowship for gifted and talented youth. There will be an end-of-course exam in May of the AP Seminar year. Students must take the Advanced Placement Exam to receive the A.P. designation on the transcript and to have the additional honor point calculated into the grade point average.

NON-SCHOOL DAY COURSES FOR CREDIT

(These courses all count toward art or general elective credit requirements.)

MARCHING BAND

Grade Level(s): 9-12

Credits Per Semester: 0.25

Prerequisites:

Instructor Approval Required: Yes

Course Description: The marching band's primary purpose is to support the football team at all home games. The marching band will also promote the school at various venues such as M.S.B.O.A. competitions, parades and visits to college band days. The goal of the marching band is to produce an excellent instrumental unit that can march and play, look uniform in appearance, and to proudly represent D.C. H.S. and the community. Two years of participation in the Marching Band meets the graduation requirement for Physical Education. FEE: There is a participation fee for this class. Contact Director of Bands.

JAZZ BAND

Grade Level(s): 9-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: Yes

Course Description: The DC jazz Ensemble meets once a week after school and prepares three concerts as well as a concert tour to local elementary schools. Enrollment for the jazz ensemble is by audition in the fall. The band will also attend college workshops and festivals. Emphasis will be based on improvisation and the history and style of jazz literature. The student is given a PASS/FAIL grade. FEE: There is a participation fee for this class. Contact Director of Bands.

SHOW CHOIR

Grade Level(s): 9-12

Credits Per Semester: 0.5

Prerequisites:

Instructor Approval Required: No

Course Description: This advanced mixed ensemble improves individual and choral singing while strengthening musicianship. It meets after school three times weekly, and is a full year commitment.

SPECIAL OPPORTUNITIES FOR SENIORS – NO CREDIT

SENIOR PRIVILEGE - 6th hr - Semester 1 or 2

Grade Level(s): 12

Credits Per Semester: 0

Prerequisites:

Instructor Approval Required: No

Description: Sixth hour Senior Privilege affords Senior students the opportunity for a reduced schedule, granting the student the opportunity for early dismissal, following 5th period classes. This is only available to students also enrolled in a 0-hour class and with strong academic and credit standing.

SENIOR PRIVILEGE - 7th hr - Semester 1 or 2

Grade Level(s): 12

Credits Per Semester: 0

Prerequisites:

Instructor Approval Required: No

Description: Senior Privilege affords Senior students the opportunity for a reduced schedule, granting the student the opportunity for early dismissal, following 6th period classes. It is only available to students with strong academic and credit standing.

NCAA APPROVED CORE COURSES

Students interested in pursuing college athletics must meet the high school eligibility requirements of the governing board that oversees athletics at the school they seek to attend. For students interested in NCAA Athletics, registration through the NCAA Eligibility Center is required. Students should see counselors for recommendations on securing placement in NCAA approved courses, which are noted below for reference.

English	Social Studies	Other Core
AP ENG LIT	AMERICAN GOVERNMENT	AP LATIN 4
AP ENG LANG	AMERICAN HISTORY	GERMAN 1
CREATIVE WRITING	AMERICAN LAW	GERMAN 1/HONORS
ENGLISH 10	AP AMERICAN GOVERNMENT	GERMAN 2
ENGLISH 11	AP AMERICAN HISTORY	GERMAN 2/HONORS
ENGLISH 12 LC	AP WORLD HISTORY	GERMAN 3
ENGLISH 12 RC	CONTEMPORARY WORLD AFFAIRS	GERMAN 3/HONORS
ENGLISH 9	ECONOMICS	GERMAN 4
HONORS ENGLISH 10	PSYCHOLOGY	GERMAN 4/HONORS
HONORS ENGLISH 9	WORLD HISTORY	HONORS GREEK 1
		HONORS GREEK 2
		HONORS GREEK 3
Math	Science	
ALGEBRA 1	ADVANCED ELECTRONICS	LATIN 1
ALGEBRA 2/INTRO TO TRIG	AP CHEMISTRY	LATIN 1/HONORS
AP STATISTICS	AP COMPUTER SCIENCE	LATIN 2
CALCULUS	AP COMPUTER SCIENCE PRINCIPLES	LATIN 2/HONORS
CALCULUS 2/ HONORS	AP ENVIRONMENTAL SCIENCE	LATIN 3
CALCULUS/AP	AP PHYSICS 1	LATIN 3/HONORS
COLLEGE ALGEBRA W/TRIG	AP PHYSICS 2	SPANISH 1
HON ALGEBRA 2	BIOLOGY	SPANISH 1/HONORS
HON GEOMETRY/INTRO TO PRECALCULUS	BOTANY	SPANISH 2
PLANE & SOLID GEOMETRY	CHEMISTRY	SPANISH 2/HONORS
PRE CALCULUS	ELECTRONICS	SPANISH 3
PRECALCULUS/H	ENVIRONMENTAL SCIENCE	SPANISH 3/HONORS
STATISTICS	HON BIOLOGY	SPANISH 4
	HON CHEMISTRY	SPANISH 4/HONORS
	HUMAN ANATOMY & PHYS.	THEOLOGY 12 WR- WORLD RELIGIONS
	INTEGRATED SCIENCE	
	PHYSICS	
	MICROBIOLOGY	Non-Traditional Core Course
	ROBOTICS	V-GOV

Students seeking to play NAIA sports, also require registration through the NAIA Clearinghouse. Please reach out to your counselor for more details.