

Avon Grove Charter School



Program of Studies 2025-2026

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West Grove, Pa 19390
484-667-5000

Disclaimer: The Program of Studies at AGCS should be viewed as a fluid document. AGCS reserves the right to make edits to this Program of Studies as needed. Specific courses may be added or removed based on staffing and student interest. Courses may require a minimum number of students in order to be offered.

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**Avon Grove Charter School
School Board Members 2025-2026 School Year**

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Ms. Jennifer Weaver.....Director of Teaching and Learning
Ms. Ryan Taylor.....Director of Student Services
Mr. Alex Bove.....Director of Special Education

AGCS Upper School Administration

Mr. Matthew Messick.....High School Principal
Ms. GeriAnn Lambert.....Middle School Principal
Mr. Mark Miller.....Upper School Assistant Principal

AGCS Student Services

Ms. Megan Alaxson.....Gr 11-12 School Counselor
Ms. Ezria Heaps..... Gr 9-10 School Counselor
Mr. Matthew Carsten.....Gr 7-8 School Counselor
Ms. Ally Jones.....Mental Health Coordinator
Ms. Kim Treml..... Data & Assessment Coordinator
Mr. Barry Keith.....Social Worker

Curriculum Leaders

Arts & Electives.....Sylvo Szabo
English.....Sara Morris
Mathematics.....Jessica Abernethy
Science.....Kelly Sweeney
Social Studies.....Megan Caiola
Program Facilitator.....Michael Mostello

Avon Grove Charter School High School Faculty 2024-2025

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Mathematics

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Kimberley Guarneri
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Michael McNicholl

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World Languages

Lisa Cuzzolina
Marianne Pauly-Nguyen
Melanie Buono

Performing Arts

Danielle Strange
Anthony June
Allyson Roberts

Visual Arts

Sylvo Szabo
Christel Turinan
Regina Fees
Lisa Murray
Sonya Bannon

Physical Education/Health

Jason McGehean
Dan Kellie

Special Education

Rachel Gibson
Jennifer Johnson
Regina Cheeseman
Helen Stoelker
Samantha McMillan

Technology & Engineering

Benjamin Horowitz
Ian Klink

Avon Grove Charter School

Mission Statement

To inspire passion for lifelong learning one student at a time.

Vision

To be an accepting community that unlocks every student's ability to discover and reach their full potential.

AGCS Core Beliefs

Lifelong Learning

Commitment to the ongoing pursuit of knowledge, skills, and personal development

Service

Dedication of time, skills, and resources to contribute positively to the improvement of society

Connections

Recognition that our connections to the school and community are invaluable

AGCS Core P.A.C.K. Values

Positivity

Possessing a mental attitude that allows me to see the good in myself and to recognize my accomplishments.

Accountability

Making constructive and intentional choices about my actions.

Confidence

Believing in my ability to solve problems and navigate my future path.

Kindness

Establishing and maintaining healthy, rewarding, and respectful relationships.

Course Selection Information

This guide is designed to help parents, students, educators, counselors and administration develop the best program for each individual student to be successful at Avon Grove Charter School. All parties involved should take the process of selecting appropriate classes for each student very seriously.

The standard content level courses include rigorous thinking and study skill components to help prepare students for continued success in their high school curriculum. These courses meet the requirements for pursuing further education beyond high school. AGCS also offers College Prep, Honors, and Advanced Placement courses in specific curricular areas. These course level offerings are for students who have demonstrated a strong interest and ability in a particular subject area provided that they meet all course prerequisites.

During the course selection process, students will have the opportunity to discuss their requests with teachers from all departments. The teachers of students' core subject areas will make specific recommendations for course enrollment in core academic courses for the 2025-2026 school year. Students will have the ability to review their course recommendations and make specific requests for elective based courses. When a teacher makes a recommendation for a core subject course, note that several criteria are taken into consideration:

- The students' performance in previous course work
- Assessment data related to required prerequisite knowledge
- State PSSA and Keystone assessment data
- PVAAS Projections
- Local benchmarking data
- The students' attitude and work ethic

Teachers give serious consideration to these recommendations in an effort to create a challenging learning environment where students will experience academic success.

Please give careful thought to student ability, past academic performance, work ethic, and future goals when elective course requests are completed.

Along with academic and career goals, graduation requirements must be met through Avon Grove Charter School. These graduation requirements are outlined in further detail throughout this guide.

When students complete the course selection process, they need to remember that they must meet specific course prerequisites as outlined in this guide. An "Academic Planning Worksheet" is provided in the back of this program for your use in the planning of courses for the 2025-2026 school year and beyond. If you have questions about the course selection process, please consult with your counselor and teachers.

Graduation Requirements

Each AGCS student must earn a **minimum** of twenty-three (23) credits in order to graduate from Avon Grove Charter School.

- Students in grades 9-11 must be scheduled in a **minimum of seven (7) classes each semester.**
- Students in grade 12 must be scheduled a **minimum of six (6) classes during each semester.**

Students and parents are reminded that in order for students to participate in commencement, ALL credits AND supplemental requirements (i.e. community service hours, culminating portfolio, work-based learning experience, Keystone Exam requirements or alternatives) must be satisfied upon the student's completion of the normal school

year. It is the student and parent’s responsibility to know the requirements for promotion and graduation and to make plans accordingly.

Avon Grove Charter School requires a ***minimum*** amount of credits in the following areas for graduation:

<u>Required Course Areas</u>	<u>Required Credits</u>
English	4
Social Studies	4
Science	3
Mathematics	3
Arts & Humanities	4
Health	0.5
Physical Education	0.5
Electives	4
Total	23 credits

Only courses that are taken and completed in high school (grade 9+) will be considered with respect to eligibility for graduation and be displayed on a student's high school transcript.

Except as may be otherwise permitted by law, students will be required to participate in the Keystone Exams areas of Algebra I, Biology, and Literature with the goal of demonstrating proficiency in each of the content areas listed above in order to be eligible for graduation.

If a student does not obtain proficient scores on the related Keystone Exams then they will be required to meet alternative graduation pathway requirements, set forth by the Department of Education, in order to be eligible for graduation. The requirements of the alternative pathways will be shared with students and parents on a yearly basis.

Keystone Pathway State Graduation Requirements

In order to be eligible for graduation, students must satisfy all of Avon Grove Charter School’s local graduation requirements in addition to demonstrating post-secondary readiness through one of the Keystone Graduation Pathways set forth by the Pennsylvania Department of Education.

- **Keystone Proficiency Pathway:** Scoring proficient or advanced on each Keystone Exam - Algebra I, Literature, and Biology.
- **Keystone Composite Pathway:** Earning a composite score of 4452 on the Algebra I, Literature, and Biology Keystone Exams (while achieving at least a proficient score on at least one of the three exams and no less than a basic score on the remaining two).
- **Alternate Assessment Pathway:** Earn a passing grade for the academic course associated with each Keystone Exam on which the student did not achieve proficiency and one of the following:
 - Attainment of an established score on an approved alternative assessment (SAT, PSAT, ACT, ASVAB);
 - Gold Level on the ACT WorkKeys Assessment;
 - Attainment of an established score on an Advanced Placement Program or an International Baccalaureate Diploma Program exam in an academic content area associated with each Keystone Exam on which the student did not achieve at least a proficient score;

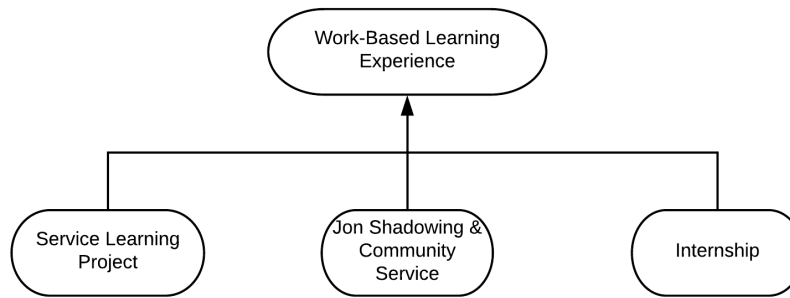
- Successful completion of a concurrent enrollment course in an academic content area associated with each Keystone Exam in which the student did not achieve at least a proficient score;
- Successful completion of a pre-apprenticeship program; or,
- Acceptance in a 4-year nonprofit institution of higher education and evidence of the ability to enroll in college-level coursework.
- **Evidence Based Pathway:** Earn a passing grade for the academic course associated with each Keystone Exam on which the student did not achieve proficiency and demonstration of three pieces of evidence consistent with the student's goals and career plans, including
 - One of the following:
 - Attainment of an established score on the ACT WorkKeys assessment, a SAT subject test, an Advanced Placement Program Exam, or an International Baccalaureate Diploma Program Exam;
 - Acceptance to an accredited nonprofit institution of higher education other than a 4-year institution and evidence of the ability to enroll in college-level coursework;
 - Attainment of an industry-recognized credential; or
 - Successful completion of a concurrent enrollment or postsecondary course; and
 - Two additional pieces of evidence, including one or more of the options listed above, or: satisfactory completion of a service learning project; attainment of a score of proficient or advanced on a Keystone Exam; a letter guaranteeing full-time employment; a certificate of successful completion of an internship or cooperative education program; or satisfactory compliance with the NCAA's core courses for college-bound student athletes with a minimum grade point average (GPA) of 2.0.
- **CTE Pathway:** For Career and Technical Education (CTE) Concentrators, successful completion of locally established grade-based requirements for academic content areas associated with each Keystone Exam on which the student did not achieve proficiency and attainment of an industry-based competency certification related to the CTE Concentrator's program of study or demonstration of a high likelihood of success on an approved industry-based competency assessment or readiness for continued meaningful engagement in the CTE Concentrator's program of study.

[Please visit the school's website for more information.](#)

Culminating Portfolio

In order to graduate from the Avon Grove Charter School, in addition to satisfactorily completing the credits set forth above and the Keystone Exam requirements, a student must complete a comprehensive [College and Career Portfolio](#) showcasing her/his exploration, awareness, learning, growth, and readiness for continuing education or employment upon graduation. Part of a student's culminating portfolio will be the completion of an Experiential Work-Based Learning experience completed during their high school career.

Students have three different Work-Based Learning options. Students should meet with their School Counselor and advisor to discuss which option best fits the students post-secondary goals.



Naviance

Avon Grove Charter School utilizes Naviance Student, a comprehensive web-based program for students and families to use for high school and post secondary planning, including college and career readiness and exploration.

Through the High School Advisory/rALLY Program, students will engage with college and career readiness activities as they build their culminating portfolio requirement. All artifacts and documentation related to their portfolio and work-based learning experience will be collected and stored in a students Naviance account. Naviance will also be used to manage post-secondary planning and guidance, for online college applications, electronic submission of transcripts, requests for letters of recommendation, and other post-secondary planning items.

Students can access their Naviance account byu visiting: <https://student.naviance.com/avongcs>

Please contact your School Counselor with any questions.

High School Advisory/rALLY

Upon entering 9th grade, all AGCS students will be assigned a staff rALLY advisor for whom they will retain all four years of high school. This staff advisor will serve as a mentor and support person for a student's post-secondary planning in addition to their School Counselor. Students will meet with their advisor throughout the school year to engage with college and career readiness lessons, post-secondary planning, support with their portfolio completion, Social Emotional Learning, PBIS Lessons, and guidance for their individual work-based learning experience.

Promotion Requirements

Students must meet the following **minimum** academic standards to be promoted from one grade level to the next. A student's grade level for the academic year will be based on the total number of credits a student has accumulated **at the beginning** of the academic year. Grade level promotion will not occur during the academic year.

Credits required:

Promotion from grade 9 to 10 = 5.5 credits

Promotion from grade 10 to 11 = 11.5 credits

Promotion from grade 11 to 12 = 17.5 credits

AGCS Graduate - Students must have successfully completed and been awarded a **minimum** of 23 credits in specific areas of study and fulfilled all of their graduation requirements

It is important to note that the published level of credits needed to graduate is a **minimum** amount of credits. Students will not necessarily be scheduled for the minimum amount of credits. Students must carry a minimum number of credits each academic year in conjunction with specific restrictions placed on study hall enrollment.

Grading and Marking System

The school year will be broken into quarters/semesters, resulting in four report card periods. At the midpoint of each grading period, students and parents will be encouraged to check current grades in their courses via PowerSchool/Parent Portal.

Upper School Grade Scale

Grade	Percentage	Rank Value	Honors Weighted Value	AP Weighted Value
A+	98-100	4.5	5.0	5.5
A	94-97	4.0	4.5	5.0
A-	91-93	3.8	4.3	4.8
B+	88-90	3.5	4.0	4.5
B	84-87	3.0	3.5	4.0
B-	81-83	2.8	3.3	3.8
C+	78-80	2.5	3.0	3.5
C	74-77	2.0	2.5	3.0
C-	71-73	1.8	2.3	2.8
D+	68-70	1.5		
D	64-67	1.0		
D-	60-63	0.8		
F	59 and below	0.0		

Honor Roll (GPA Based)

Avon Grove Charter School will designate Honor Roll awards at the conclusion of the academic year. Honor Roll will be based on final grades.

Distinguished Honors - which is awarded to students achieving a cumulative grade point average of 4.0 and above *at the end* of the academic year

High Honors - which is awarded to students who have achieved a cumulative grade point average of 3.75 to 3.99 *at the end* of the academic year.

Honors – which is awarded to students who have achieved a cumulative grade point average of 3.0 to 3.74 *at the end* of the academic year.

Class Rank

Due to the fluidity of Avon Grove Charter School’s enrollment, class rank is not something that is regularly calculated and/or adjusted. Class rank is also not reported on the official transcript. If a student needs their particular class rank, they should make a formal request to the Counselors office.

Course Levels

Advanced Placement (AP) courses are extremely rigorous and time consuming. Each AP course covers the breadth of information and skills required of a college course. While the content of these courses are dictated by formal advanced placement outlines submitted to the College Board, AGCS teachers have the ability to modify the way that content is instructed. The request and selection of Advanced Placement courses should be made with great care. Many of these courses require intensive summer work that must be completed in order to stay enrolled in the course for the academic year. At the completion of the course, students are expected to take the Advanced Placement Examination given in the month of May. The fee for this exam is approximately \$89/exam. Colleges may accept test scores as completed college level work. Specific prerequisites must be met in order to enroll in this level of course work.

Honors courses are college preparatory courses that provide a demanding, in-depth study through critical thinking, application, analysis and evaluation of core content principles and knowledge. These courses implement discovery based learning principles and self-directed learning opportunities. A heavy emphasis is placed on independent reading, written, and oral communication. Specific prerequisites must be met in order to enroll in this level of course work. Honors courses are not offered in all content areas or grade levels.

College Preparation courses are college preparatory in that they provide a rigorous, in-depth study through critical thinking, application, analysis and evaluation of core content principles and knowledge. In class instruction and out of class work is teacher supported, however, independent demonstration of learning is expected of all students. A strong emphasis is placed on the mastery of complex concepts and topics to prepare students for content related occupations or fields of study in college. Specific prerequisites must be met in order to enroll in this level of course work.

Standard Level courses provide content learning that prepares students for college and/or career pathways by providing and enhancing literacy and learning strategies in the effort to master core content principles. These courses provide a more structured and paced learning environment to ensure content and skill mastery. Increased time on review and the reinforcement of core concepts help prepare students for in-class assessments and out of class assignments.

Online/Third Party Course Providers

Avon Grove Charter School partners with multiple third-party, online curriculum and course providers to fulfill course requests and give our students flexibility in their scheduling.

There may be instances when a course, typically offered by AGCS will not be available due to teacher conflicts or low enrollment. In these cases, students will be given the option to enroll in stand-alone online courses, independent of AGCS. AGCS will then accept the transfer credit back to meet a student's graduation requirements.

There may also be instances when a course does not fit into a student's schedule. This is another scenario where students may be provided the opportunity to enroll in a separate online course.

Independent, third-party courses do not always follow the same scope and sequence as courses offered by AGCS. They may also be a mix of synchronous and asynchronous learning - this is dependent upon the provider. There is

often, also, less direct instruction from a teacher in these courses as they assume a student is a self-directed learner and can complete the course independently.

Students should discuss their scheduling options with the school counseling department and reflect on whether this type of learning fits their learning style, personality, and strengths.

Students wishing to enroll in third-party online courses must submit an online course request form to their School Counselor and must be signed by their parent/guardian. Students who request to drop a course provided by a third-party vendor after the vendor’s established “add/drop” period will be responsible for any fees associated with the removal of the course and/or the full cost of the course.

Scheduling Information

Study Halls

- Students in grades 9-11 are able to enroll in ***one*** study hall period each semester. Students are encouraged to enroll in elective courses to ensure they have a full schedule.
- Students in 12th grade are able to enroll in a maximum of ***two*** study hall periods, apply for senior privilege, or a combination of the two.

Schedule Change Requests

- The add/drop period to make schedule changes will close after the second week of each semester.
- No schedule changes will be granted based on teacher or time preferences.
- Once the semester has begun, only those requests deemed to be crucial and essential will be approved.
- No schedule change request is guaranteed.
- Schedule change requests must be initiated through the counseling department and approved by the administration.

Course Withdrawal Policy

A student may withdraw from a class up to the following time period and receive NO grade:

- Full year course - prior to the 25th day of the class starting
- 1st semester course - prior to the 10th day of the class starting
- 2nd semester course - prior to the 10th day of the class starting

Withdrawal from a course beyond the time specified above, or add/drop periods set forth by third-party course providers, will result in a withdrawal grade being recorded on a student’s transcript and potentially impacting their GPA.

Students withdrawing from a course outside of the normal add/drop period may not be able to replace the class with other courses. This can result in a student being credit deficient, retained in a particular grade level, or prolong their anticipated graduation date.

AGCS Course Override Policy

Avon Grove Charter School creates student placement recommendations based upon multiple sources of data that are designed to accurately determine the appropriate academic courses for each student to be challenged and academically successful. As a school, we believe that our placement process results in recommendations that provide students with a developmentally appropriate educational plan.

Specific course prerequisites will not be waived when considering course placement for students. However, if a student has been recommended for a specific course, **but** meets the prerequisites for a different course level, AGCS parents may contact the Guidance Department and request a course level change.

Senior Privileges

All seniors must register for a minimum of 6 academic credits to be considered a full-time student. A senior who has met all graduation requirements to date and is scheduled for a study hall at the beginning and/or at the end of the school day may request to participate in the senior privilege opportunity. Parent/Guardian must complete the senior privilege permission form available in PowerSchool for a student to be considered for senior privilege.

Submission of Senior Privilege form does not guarantee that request will be granted. Course requirements take precedence over privilege requests.

If granted by Administration, senior privileges provide students the opportunity to sign in to school late or leave early in lieu of staying at school in a study hall period. Students on senior privileges are not permitted to remain on campus unsupervised and, if deciding to stay at school, must report to the designated study hall for that period. School Administration reserves the right to rescind senior privilege if necessary and parents have the right to rescind permission at any time.

Students applying for senior privilege must meet all of the following criteria:

- 1.) **Grade Point Average Requirement:** A student must have a cumulative GPA of 2.50 or greater at the time of the application. Students must then maintain a minimum GPA of 2.5 throughout the year. Failure to maintain this basic academic standing will result in the loss of senior privileges until the requirement is met. Students may then be added to academic classes or study hall periods based on administration's discretion.
- 2.) **Availability of Schedule:** Students applying for senior privilege must have open availability in their schedule and be free of all obligations. Students may not drop core classes or request alternative options (i.e. online languages) to free periods for senior privilege.
- 3.) **Available Transportation:** Students are responsible for their own transportation. Students must also apply for parking if requesting senior privilege and providing their own transportation. Parking spots are provided to students based on a hierarchy of needs system. Parking is not guaranteed no matter what the individual circumstance. Students will lose this *privilege* and their parking *privilege* if found helping other students to leave school property without proper permission.
- 4.) **Satisfactory Attendance Record:** Students are permitted no more than a combined five (5) unexcused absence/tardy to school within a marking period in order to maintain their senior privilege. Students who accumulate five (5) unexcused absences will have their senior privileges revoked and will be asked to use the time to make up missing work. Senior privileges will not be reinstated until the following marking period and/or at the discretion of the administration.
- 5.) **Parent/Guardian Permission:** Parent/Guardian must complete the senior privilege permission form available in PowerSchool for a student to be considered for senior privilege. The parent/guardian may withdraw this permission at any time.

Dual Credit/Concurrent Enrollment

Avon Grove Charter School has concurrent (dual-credit) agreements with multiple institutions of higher education. Dual credit courses allow high school students to take college-level, credit-bearing courses offered by institutions of higher education and to receive secondary and postsecondary transcribed credit.

Students interested in participating in dual credit courses must meet specific eligibility requirements:

1. Students must be in 11th-12th grade (WCU and DCCC) or 10th-12th grade (Immaculata) and continue to make satisfactory progress within the current grade level.
2. Students must have a 3.0 cumulative, weighted GPA or higher at the time of the course approval/enrollment.
3. Student must meet one of the criteria set forth in both Mathematics and English/Reading:
 - a. **Mathematics:**
 - i. Students must have a minimum PSAT math score of 530 or;
 - ii. Students must have a minimum SAT math scores of 530 or;
 - iii. Students must have a minimum ACT math scores of 20 or;
 - iv. Students must have scored at least Proficient on the Algebra I Keystone Exam or;
 - v. Students must have passed any mathematics associated entrance exam requirements otherwise set forth by the institution of higher education.
 - b. **English/Reading:**
 - i. Students must have a minimum PSAT English score of 500 or;
 - ii. Students must have a minimum SAT English score of 500 or;
 - iii. Students must have a minimum ACT reading score of 18 or;
 - iv. Students must have scored at least Proficient on the Literature Keystone Exam or;
 - v. Students must have passed any English/Reading associated entrance exam requirements otherwise set forth by the institution of higher education.
 - vi. Students must have parent/guardian permission.
4. Students must have successfully completed the Charter School's application process and been approved by the Chief Executive Officer or designee before completing post-secondary schools application.

Students interested in dual credit opportunities should discuss details with their counselor when scheduling courses for the following year. Students are responsible to investigate dual enrollment information, course information, make appointments, and understand the application requirements.

AGCS will assume all costs associated with dual credit/dual enrollment courses approved by the Head of School. Costs may include but are not limited to, tuition, fees, and books.

Students are required to provide their own transportation for any course being taken through an institution of higher education.

Students must meet with their counselor and complete the Dual Credit application to receive prior authorization before enrolling in the course. Failure to do so will result in AGCS not accepting the college transfer credits to satisfy a student's high school requirements.

[Please reference AGCS 1015 Concurrent Enrollment/Dual Credit Policy for more information.](#)

Independent Study Courses

Independent Study is designed to meet the educational needs of students who are interested in pursuing a course of study beyond the requirements of high school graduation.

At the high school level, Independent Study is reserved for 11th and 12th grade students who have demonstrated exceptional competence within a given discipline and the ability to work independently.

Students who are interested in undertaking Independent Study must complete an application that is available in the School Counseling Department offices.

Independent Study courses must be run and proctored by a certified teacher in order to allow for credit to be awarded. Since staff members must be willing to take on this additional instructional duty, Independent Study requests are reviewed on a case-by-case basis. A completed Independent Study Application including an Independent Study Proposal must be submitted to Administration in order to be considered.

Major Guidelines for Independent Study:

- Independent Study options are only available to 11th and 12th grade students.
- Students must have a minimum of a 3.0 GPA at the time of the application
- Independent Study courses cannot be used for core academic requirements (i.e. English, Science, Math, Social Studies).
- Independent Study programs cannot be substituted for required courses or in lieu of enrolling in courses currently offered by AGCS.
- Independent Study programs cannot be used to coordinate academic schedules to accommodate senior privileges or other individual requests.
- A completed Independent Study Application including an Independent Study Proposal must be submitted to Administration in order to be considered.

For more information regarding Independent Study options, please visit the school website.

Driver's Education

Driver's education classes are available through the Chester County Intermediate Unit. There are enrollment fees associated with both of these courses and the fees are the responsibility of the student/family. AGCS will award 0.25 credits for the successful completion of either course.

Driver Education Online Theory & "Behind The Wheel" Course: The Chester County Intermediate has developed a Driver's Education Theory and "Behind the Wheel" course available to students. This course was developed by the Chester County Intermediate Unit (CCIU) and is taught by a Pennsylvania-certified teacher. It is an independent study course and, as such, students are expected to work independently with limited teacher interaction. Students will have one year (12 months) to complete the course.

It is the responsibility of the parent/student to submit a certificate of completion to the school counseling office for credit to be received.

All fees associated with both of these courses and the fees are the responsibility of the student/family.

For more information please visit: [Driver Education & Driver Testing Centers](#)

NCAA Eligibility Standards

Students who intend to participate in Division I or II collegiate athletics are required to meet National Collegiate Athletic Association (NCAA) eligibility standards. Only courses approved by the NCAA can count toward fulfilling these requirements. The NCAA determines the eligibility of courses on an ongoing basis. Student athletes should check the AGCS list of NCAA approved courses via the NCAA website at [Want to Play College Sports? - NCAA.org](#).

Student athletes also are advised to consult with their high school counselor early in the course selection process to ensure that they are enrolling in appropriate courses.

Summer School

Students who do not meet the minimum academic standards for grade level promotion or graduation from AGCS are encouraged to pursue summer school courses during the summer for credit recovery purposes. AGCS does not offer an in-house summer school program. When necessary, grade level school counselors will contact parents/students about the need for summer school as well as options for completing summer school classes. All costs related to summer school programs or credits attempted/obtained are incurred by the student/parent.

Students taking summer school courses for course advancement purposes may not utilize summer courses to change academic levels for the subsequent school year.

English Department

Suggested Course Sequence

9 th Grade	10 th Grade	11 th Grade	12 th grade
Literature and Composition I	Literature and Composition II	Literature and Composition III	Literature and Composition IV
CP Literature and Composition I	CP Literature and Composition II	CP Literature and Composition III AP Literature and Composition AP Language and Composition	CP Literature and Composition IV AP Literature and Composition AP Language and Composition
H Literature and Composition I	H Literature and Composition II	AP Literature and Composition AP Language and Composition CP Literature and Composition III	AP Literature and Composition AP Language and Composition CP Literature and Composition IV

Department Requirements: All students must complete a minimum of four credits of English for graduation. Most students complete one credit of English each year of high school. Students interested in literature, drama, or writing are encouraged to enroll in additional English/Drama electives. Course descriptions include specific, required prerequisites for each course.

ENG0100 Literature and Composition I

36 weeks Gr 9 1.0 cr

The focus of this course is to help students read, write, and communicate clearly in high school and any post-secondary endeavor. The curriculum focuses on the study of multiple genres including short stories, novels, non-fiction pieces, poetry, and drama. Students will also work on developing vocabulary, grammar, and research skills in order to be successful in high school.

Prerequisites: Successful completion of 8th Grade ELA

ENG0101 College Prep Literature and Composition I

36 weeks Gr 9 1.0 cr

CP Literature and Composition is designed for the student who is self-directed, who has demonstrated a strong work ethic, and who has excelled in academic English in grades 7 and 8. The focus of this course is to help students read, write, and communicate clearly in high school and any post-secondary endeavor. The curriculum focuses on the study of multiple genres including short stories, novels, non-fiction pieces, poetry, and drama. Students complete an intense study of vocabulary, grammar, and research skills in order to be successful in high school.

Prerequisites: Successful completion of 8th grade ELA; teacher recommendation

ENG0102 Honors Literature and Composition I

36 weeks Gr 9 1.0 cr

Honors Literature and Composition is designed for the student who is self-directed, who has demonstrated a strong work ethic, and who has excelled in academic English in grades 7 and 8. The focus of this course is to expand the student's ability to read, write, and communicate clearly in high school and any post-secondary endeavor. The curriculum focuses on the study of multiple genres including short stories, novels, non-fiction pieces, poetry, and drama. Students are expected to work independently, analyze and interpret a variety of texts, participate in class discussions and debates, and develop critical reading skills. Students complete an intense study of vocabulary, grammar, and research skills in order to be successful in high school.

Prerequisites: 84% in 8th grade Enriched ELA;; teacher recommendation

ENG0200 Literature and Composition II

36 weeks Gr 10 1.0 cr

This course introduces students to some of the major works of world literature, focusing on recurring themes that span history and geographical regions, and allowing students to explore a variety of literature and genres. The curriculum focuses on the study of multiple genres, including short stories, novels, non-fiction pieces, poetry, and drama. Students will also continue to work on developing vocabulary, grammar, and research skills. Students will engage in persuasive and informational writing as well as the analysis of complex texts. This course

is designated as a Keystone Course and has associated with it a state mandated Keystone Exam.

Prerequisites: Successful completion of Literature and Composition I

ENG0201 College Prep Literature and Composition II

36 weeks Gr 10 1.0 cr

This course introduces students to some of the major works of world literature, focusing on recurring themes that span history and geographical regions, and allowing students to explore a variety of literature and genres. The curriculum focuses on the study of multiple genres, including short stories, novels, non-fiction pieces, poetry, and drama. Students will also continue to work on enhancing vocabulary, grammar, and research skills. Students will engage in persuasive and informative writing as well as the analysis of complex texts. This course is designated as a Keystone Course and has associated with it a state mandated Keystone Exam.

Prerequisites: Successful completion of College Prep 9th grade English course; 94% in 9th grade English course; teacher recommendation

ENG0202 Honors Literature and Composition II

36 weeks Gr 10 1.0 cr

This course introduces students to some of the major works of world literature, emphasizing historical and cultural analysis as well as author's style. Focusing on recurring themes that span history and geographical regions, the course allows students to explore a variety of literature and genres. Students will also continue to work on enhancing vocabulary, grammar, and research skills. Students are expected to work independently and will be challenged to engage in persuasive and informational writing as well as the analysis of complex texts. This course is designated as a Keystone Course and has associated with it a state mandated Keystone Exam.

Prerequisites: 84% in Honors 9th grade English; 94% in College Prep 9th grade English; teacher recommendation

ENG0300 Literature and Composition III

36 weeks Gr 11 1.0 cr

This course introduces students to major philosophies and writing schools in literature.

Students explore works of enlightenment, romanticism, naturalism, and modernism. The curriculum focuses on the study of multiple genres, including short stories, novels, non-fiction pieces, poetry, and drama. Students will also continue to work on developing vocabulary, grammar skills, persuasive and informative writing skills, and analysis of texts and speeches.

Prerequisites: Successful completion of 10th grade English course

ENG0301 College Prep Literature and Composition III

36 weeks Gr 11 1.0 cr

This course introduces students to major philosophies and writing schools in literature e. Students explore works of enlightenment, romanticism, naturalism, and modernism. Students are expected to work independently and be able to analyze and interpret complex texts. Students should have a strong grasp of English grammar and vocabulary. This course is suggested to be taken jointly with a student's U.S. History course. The curriculum focuses on the study of multiple genres, including short stories, novels, non-fiction pieces, poetry, and drama.

Prerequisites: Successful completion of College Prep 10th grade English course; 94% in 10th grade English course; teacher recommendation

ENG0302 Honors Literature and Composition III

36 weeks Gr 11 1.0 cr

This course introduces students to major philosophies and writing schools in literature. Students explore works of enlightenment, romanticism, naturalism, and modernism. Students are expected to work independently and be able to analyze and interpret complex texts. Students should have a strong grasp of English grammar and vocabulary as well as possess strong writing skills. This course is suggested to be taken jointly with a student's U.S. History course. The curriculum focuses on the study of multiple genres, including short stories, novels, non-fiction pieces, poetry, and drama.

Prerequisites: 84% in Honors 10th grade English; 94% in College Prep 10th grade English; teacher recommendation

ENG0400 Literature and Composition IV

36 weeks Gr 12 1.0 cr

This course provides an overview of world literature. The curriculum focuses on the study of multiple genres, including epic poetry and drama. Students will continue to develop fundamental elements of persuasive and informational writing, presentation skills, and public speaking skills.

Prerequisites: Successful completion of Literature and Composition III

ENG0401 College Preparation Literature and Composition IV

36 weeks Gr 12 1.0 cr

This course provides a more in-depth analysis of world literature. The course emphasizes an understanding of literature within its cultural and historical context with particular attention given to the author's biography. Students will study the writing process and write critical essays regarding specific pieces of literature, as well as complete research essays and projects.

Prerequisites: Successful completion of College Prep 11th grade English course; 94% in 11th grade English course; teacher recommendation

ENG0600 AP Literature and Composition

36 weeks Gr 11, 12 1.0 cr

Offered every other year on even years (i.e. 2021-2022)

The AP English Literature and Composition course offers intensive preparation in literary analysis and interpretation. Students will participate in a great quantity of literature in preparation for the Advanced Placement exam. Emphasis will be on critical and historical analysis of literary works in both discussion and writing. Students will read selected essays, short stories, poetry, plays, and novels. Students will study the writing process and write critical essays regarding specific pieces of literature, and will be expected to lead and participate in discussions of literature together.

Prerequisites: 84% in Honors 10th/11th grade English course; 94% in College Prep 10th/11th grade English course; teacher recommendation

ENG0610 AP English Language and Composition

36 weeks Gr 11, 12 1.0 cr

Offered every other year on odd years (i.e. 2020-2021)

The AP English Language and Composition course engages students in becoming skilled readers of prose written in a variety of rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Students will study theories of language and read from several genres and periods and will consider structure, meaning, value and the relationship of a text both to modern times and to the time in which it was written. Writing assignments will focus on the critical analysis of text and will include essays of exposition and argument. All of the language arts will be emphasized: reading, writing, speaking, listening and viewing. Students taking this course will be required to take the AP exam in the spring.

Prerequisites: 84% in Honors 10th/11th grade English course; 94% in College Prep 10th/11th grade English course; teacher recommendation

ENG0500 Journalism and Media Studies

18 weeks Gr 9, 10, 11, 12 0.5 cr

The goal of the Journalism and Media Studies elective is to establish and improve students' understanding of nonfiction writing, by both reading and interpreting nonfiction texts, as well as writing nonfiction texts. Among the subjects and skills to which students will be introduced: basic journalism concepts, reporting tools, conducting interviews, developing story ideas, resolving ethical dilemmas, and analyzing and interpreting nonfiction texts.

ENG0510 Creative Writing

18 weeks Gr 9, 10, 11, 12 0.5 cr

This elective course will offer students an opportunity to practice different styles of creative expression by studying and writing in the following genres: poetry, short fiction, playwriting, and creative nonfiction. Students will read and write about effective writing techniques within the genres, and create a portfolio at the end of the course.

ENG0520 Public Speaking

18 weeks Gr 9, 10, 11, 12 0.5 cr

Public speaking is an important component of our academic, work, and social lives. In this elective, students will study public speaking occasions and develop skills as speakers, as well as critical

listeners of spoken information. Students will study types of speeches, read, and listen to models of speeches, and prepare and present their own speeches. Students will also learn about the ethics of public speaking and about techniques for managing communication anxiety.

ENG0530 Heroes and Myths

18 weeks Gr 9, 10, 11, 12 0.5 cr

In this elective, students will read and examine heroes and myths from a variety of different cultures around the world, looking for commonalities in the human condition and examining how these characters shape our cultures. Students will analyze hero archetypes, and how they have evolved through time, as well as the gods and monsters they encounter on their adventures.

DRA0100 Film Appreciation

18 weeks 0.5 cr

This course offers students a contextual perspective of the history of cinema, from the Edison company inventions to the Marvel franchises today. Specifically focusing on the technical advances throughout the decades, students will examine films, inventions, and people who changed the course of films as we know them. The curriculum consists of reflective viewings, formative assessments, and research projects.

Math Department

Suggested Course Sequence

9 th Grade	10 th Grade	11 th Grade	12 th grade
Pre-Algebra	Algebra I	Geometry Consumer Mathematics	Algebra II Consumer Mathematics
Algebra I	Geometry	Algebra II	Pre-calculus Probability and Statistics
Geometry	Algebra II	Pre-calculus Probability and Statistics	Calculus AP Calculus
Algebra II	Pre-calculus Probability and Statistics	Calculus AP Calculus	AP Calculus Probability and Statistics

Department Requirements: All students must complete a minimum of three credits of math for graduation. Most students complete one credit of math each year for the first three years of high school. Students demonstrating an aptitude for math or science are encouraged to enroll in additional math credits throughout their high school career. Students planning on attending a four-year college or university should plan to complete all courses up through Algebra II and are encouraged to enroll in additional math courses. Course descriptions include specific, required prerequisites for each course.

Calculator Information and Expectations: Calculators have become a part of our everyday affairs. High school and advanced mathematics courses require that calculators have trigonometric functions and graphing capabilities. For High School mathematics courses, Avon Grove Charter School and the Math Department recommends that every student owns a TI-84 calculator. The absence of this type of calculator can affect students' success in their mathematics courses.

MAT0900 Pre-Algebra

36 weeks 1.0 cr

This course reinforces arithmetic skills, developing the pre-algebra concepts of variable recognition, signed numbers, formulas and single variable equations. Students will be introduced to algebraic symbolism, simplifying expressions, solutions to elementary equations, and the graphic representations associated with variables.

Teacher recommendation required

MAT0110 Algebra I

36 weeks 1.0 cr

Algebra I is a rigorous, foundational, math course needed to prepare students for a series of mathematics course offerings and college admission. This course will include an examination of number systems, variables, algebraic expressions, systems of equations and inequalities, polynomials, factoring, and the properties of exponents. This course is designated as a Keystone Course and has associated with it a state mandated Keystone Exam.

MAT0112 Honors Algebra I

36 weeks 1.0 cr

This course is designed to provide students with an in-depth level of instruction and mathematical discussion with an accelerated pace in a cooperative learning environment. The course encourages development of critical thinking skills and algebraic problem solving skills to provide the foundation for real world problem-solving. Honors Algebra 1 is recommended for students through student grades, standardized test scores, the AGCS Algebra Readiness assessment and teacher recommendations.

Prerequisites: 84% in 8th grade Enriched Math; 94% in 8th grade math; teacher recommendation, required minimum on placement test.

MAT0200 Algebra II

36 weeks 1.0 cr

This course is designed to extend and enrich a student's understanding of algebraic concepts. Students will be exposed to concepts such as coordinate graphing, systems of equations, quadratics, radical, rational, logarithmic and exponential functions.

Prerequisites: Successful completion of Geometry

MAT0202 Honors Algebra II

36 weeks 1.0 cr

This course is an advanced study of the topics introduced in Algebra I. Topics include graphing, inequalities, linear, quadratic, polynomial, radical, rational, logarithmic and exponential functions and equations.

Prerequisites: 94% in Geometry; or 84% in Honors Geometry; teacher recommendation

MAT0300 Geometry

36 weeks 1.0 cr

This course is a systematic study of foundational geometric concepts and deductive reasoning via formal proofs. Topics in this course include logic, proofs, properties of triangles, polygons, congruence, similarity, right triangles, parallel and perpendicular lines, circles, area, volume, and transformations.

Prerequisites: Successful completion of Algebra I

MAT0302 Honors Geometry

36 weeks 1.0 cr

This course is a rigorous, methodical study of foundational and advanced geometric concepts and deductive reasoning via formal proofs. Topics in this course include logic, proofs, properties of triangles, polygons, congruence, similarity, right triangles, parallel and perpendicular lines, circles, area, volume, and transformations.

Prerequisites: 94% in Algebra I; 84% in Honors Algebra I; teacher recommendation

MAT0400 Pre-Calculus

36 weeks 1.0 cr

Pre-Calculus is a mathematical course designed to prepare students for Calculus at either the high school or college level. This course focuses on advanced algebra concepts, analytical geometry, and trigonometry. A sound foundation in Algebra II is expected in order to be successful in this course. Other topics include graphing polynomial, logarithmic, rational and trigonometric functions, and trigonometric properties.

Prerequisites: 74% in Algebra II; successful completion of Geometry; teacher recommendation

MAT0402 Honors Pre-Calculus

36 weeks 1.0 cr

Honors Pre-Calculus is an intense, highly rigorous mathematical course designed to prepare students for Calculus, or AP Calculus, at either the high school or college level. This course focuses on advanced algebra concepts, analytical geometry, and trigonometry. The mastery of concepts covered in Algebra II is expected in order to be successful in this course. Other topics include graphing polynomial, logarithmic, rational and trigonometric functions, and trigonometric properties.

Prerequisites: 94% in Algebra II; 84% in Honors Algebra II; teacher recommendation

MAT0520 Calculus

36 weeks 1.0 cr

This course is designed for those students who wish to further prepare for college mathematics. Both differential and integral calculus concepts are covered. Students must be able to work with functions graphically, numerically, analytically, and verbally and understand the connections among these representations. Students must have very strong mathematical skills in order to be successful in this course.

Prerequisites: 84% in Pre-Calculus; 74% in Honors Pre-Calculus; teacher recommendation

MAT0600 AP Calculus AB

36 weeks 1.0 cr

This course is designed to prepare students to take the Advanced Placement Calculus AB Exam. Course content is dictated by the Advanced Placement Course Outline and is roughly equivalent to one semester of college-level Calculus. Both differential and integral calculus are covered. Students must have the ability to work independently to meet the requirements of this very rigorous course. Students must be able to work with functions graphically, numerically, analytically, and verbally and understand the connections among these representations. Students must have very strong mathematical skills in order to be successful in this course.

Prerequisites: 84% in Honors Pre-Calculus; 94% in Pre-Calculus; 81% in Calculus; teacher recommendation.

MAT0510 Consumer Mathematics

36 weeks 1.0 cr

This course applies mathematics to day-to-day living and financial decision-making. It explores the full array of personal finance issues one encounters in everyday life: performing paycheck calculations and income tax withholdings, developing and monitoring a personal budget, managing bank accounts, calculating different forms of interest, calculating credit card and personal loan finance charges, selecting appropriate forms of insurance, making personal investments and retirement decisions, and how to finance large purchases, such as car and home. This course offers students a unique and interactive approach to learning personal finance through mathematics using practical examples. *This course is not recommended as a core math credit for students who plan to attend a four year postsecondary college or university.*

Prerequisites: Successful completion of Algebra I and teacher recommendation

MAT0515 Personal Finance

18 weeks 0.5 cr

This course applies mathematics to day-to-day living and financial decision-making. It explores many of the topics, in a condensed format, found in the Consumer Mathematics course such as: performing paycheck calculations and income tax withholdings, developing and monitoring a personal budget, managing bank accounts, calculating different forms of interest, calculating credit card and personal loan finance charges, selecting appropriate forms of insurance, making personal investments and retirement decisions, and how to finance large purchases, such as car and home.

Prerequisites: Successful completion of Algebra I and Geometry

MAT0500 Probability and Statistics

36 weeks 1.0 cr

This course is designed to provide students with a foundation in the concepts of statistics. Descriptive and inferential statistics involving the mean of normal distributions are examined in detail. Analysis of variance, regression, and correlation will be introduced and examined. ***This course is a dual-credit course where transcribed college credit may be awarded based on the students final grade.***

Prerequisites: 71% in Algebra II and Geometry; meets eligibility for concurrent/dual credit courses

MAT0590 Explorations in Calculus BC

18 weeks 0.5 cr

Explorations in Calculus BC is roughly equivalent to the second half of the second semester of college calculus. It serves to review and then extend the content learned in AB to different types of equations and introduces the topic of sequences and series. The course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

Prerequisite: 81% in AP Calculus AB; teacher recommendation

Science Department

Suggested Course Sequence

9 th Grade	10 th Grade	11 th Grade	12 th grade
Integrated Science Earth and Space Science	Biology	Chemistry Intro to Ecology Earth and Space Science	Physics Intro to Ecology
CP Biology	CP Chemistry Intro to Ecology Earth and Space Science	Physics CP Chemistry AP Environmental Science	AP Environmental Science AP Biology AP Chemistry Human Anatomy and Physiology
H Biology	H Chemistry Intro to Ecology Earth and Space Science	H Physics AP Physics 1 AP Environmental Science AP Biology AP Chemistry	H Physics AP Environmental Science Human Anatomy and Physiology AP Physics 1 AP Biology AP Chemistry

Department Requirements: All students must complete a minimum of three credits of science for graduation. Most students complete one credit of science each year for the first three years of high school. Students demonstrating an aptitude for science or math are encouraged to enroll in additional science credits throughout their high school career. Course descriptions include specific, required prerequisites for each course. See the program of distinction area for more information related to potential honors available.

SCI0100 Integrated Science

36 weeks Gr 9, 10, 11 1.0 cr

This integrated science course will examine both physical and life science. Students will explore topics such as light, sound, atoms, chemical reactions, molecules, cells, cellular processes, and biodiversity. This course is designed to provide students with a solid foundation in science and improve scientific literacy. Course work will include inquiry-based labs and hands-on activities that will reinforce topics taught during the year. The course is intended to prepare students for future classes such as Biology, Chemistry, and Physics.

SCI0101 Earth and Space Science

36 weeks Gr 9, 10, 11, 12 1.0 cr

Students enrolled in this course will expand on the knowledge and skills developed in middle school to explain more in-depth phenomena central to the natural world and its processes and how they impact our daily lives. Students will gain an understanding of the Earth and its place in the universe and explore other topics such as Earth's history, structure, weather, atmosphere, resources, and the impact

humans have on Earth's resources. The course includes interactive real-world examples throughout the lessons and application projects, as well as lab simulations and in-school, hands-on lab options.

SCI0200 Biology

36 weeks Gr 10, 11 1.0 cr

This course focuses on the major concepts of biology systems. Topics covered will include, but are not limited to the following: an introduction to ecology with a focus on the interrelationships between living and nonliving organisms in ecosystems, basic biological chemistry, cell structure and function, cellular processes, genetics, evolution, classification, and the microbial world. This course is designated as a Keystone Course and has associated with it a state mandated Keystone Exam.

Prerequisite: Successful completion of Integrated Science

SCI0201 College Prep Biology

36 weeks Gr 9 1.0 cr

This course is a rigorous, lab based, study into the principles and concepts of biology. Topics covered

will include, but are not limited to the following: an introduction to ecology with a focus on the interrelationships between living and nonliving organisms in ecosystems, basic biological chemistry, cell structure and function, cellular processes, genetics, evolution, classification, and the microbial world. This course is designated as a Keystone Course and has associated with it a state mandated Keystone Exam.

Prerequisite: 78% in 8th grade science; teacher recommendation

SCI0202 Honors Biology

36 weeks Gr 9 1.0 cr

This course is a more rigorous examination of the principles and concepts of biology. This course moves at a constant pace and students will have more independent work and critical reading in this course. Biological topics are covered in more depth than other biology classes. Topics covered will include, but are not limited to the following: an introduction to ecology, basic biological chemistry, cell structure and function, cellular processes, genetics, evolution, and classification. This course is designated as a Keystone Course and has associated with it a state mandated Keystone Exam.

Prerequisite: 84% in 8th Grade Honors Science; and/or teacher recommendation

SCI0600 AP Biology

36 weeks Gr 10, 11, 12 1.0 cr

This course is designed to prepare students to take the Advanced Placement Biology Exam. Course content is dedicated by the Advanced Placement Course outline and is roughly equivalent to two semesters of college level Biology. All biological concepts are covered in depth. Students must have the ability to work independently to meet the requirements of this very rigorous course. Students must have very strong reading and analytical skills for success in the course. Eight required laboratory experiments are completed with other labs supporting lectures.

Prerequisites: 94% in College Prep Biology; 84% or Honors Biology; teacher recommendation

SCI0300 Chemistry

36 weeks Gr 10, 11 1.0 cr

This course is a conceptual course designed to provide students the opportunity to understand and use important chemical concepts and skills that may be useful as a citizen in the local and global community. The class and laboratory exercises will include discussion and measurement of physical quantities, the structure of the atom, the interactions between atoms (bonding), naming compounds, chemical reactions, equilibrium, and numerical relationships involving chemical change.

SCI0301 College Prep Chemistry

36 weeks Gr 10, 11 1.0 cr

The purpose of this course is to provide students a challenging environment in which to explore concepts of general inorganic chemistry. This understanding should prepare the student for further study in collegiate general chemistry. This class requires a sound foundation in algebraic concepts. The class and laboratory discussions will include explanation of physical quantities; structure of the atom; interactions between atoms (bonding); naming compounds; chemical and equilibrium reactions; stoichiometry, acids and bases; and numerical relationships involved in chemical change. This course is recommended for students planning on entering a science related occupation of field or study in college and who have met the required course prerequisites.

Prerequisite: 71% in Algebra I; 71% in CP Biology; teacher recommendation

SCI0302 Honors Chemistry

36 weeks Gr 10, 11 1.0 cr

The purpose of this course is to provide students a challenging environment in which to explore concepts of general inorganic chemistry. This understanding should prepare the student for further study in collegiate chemistry or AP Chemistry. The class and the laboratory experiments will include the explanation and measurement of physical properties, the structure of the atom, the interactions between atoms (bonding), the naming of compounds, chemical and equilibrium reactions, stoichiometry, acids and bases, and numerical relationships involved in chemical change. The pace of this class will demand additional time outside of the class period and a strong work ethic. This course is

recommended for students planning to enter a science related occupation or field of study in college and who have met the course prerequisites.

Prerequisite: 84% in Algebra I and 84% in Honors Biology or 94% in CP Biology; teacher recommendation

SCI0601 AP Chemistry

36 weeks Gr 11, 12 1.0 cr

The purpose of the course is to give the student a more detailed understanding of the concepts encountered in inorganic chemistry and is taught as a first-year college chemistry class. This understanding should prepare the student for further collegiate study and to take the AP Chemistry exam in May. The pace and depth of this class will demand additional time outside of the class and lab periods. A summer assignment is required.

Laboratory experiments will require full written reports that may be used to apply for college credit as well. The class and laboratory discussions will include the explanation and measurement of physical properties, the structure of the atom, the interactions between atoms (bonding), the naming of compounds, chemical and equilibria reactions, stoichiometry, acids and bases, gas laws, kinetics, thermodynamics, electrochemistry and numerical relationships involving chemical change comparable to those found in a first-year college chemistry class. This course is recommended for students planning on entering a science related occupation or field of study in college and who have met the course prerequisites.

Prerequisite: 84% in Algebra I and Algebra II; 84% in Honors Chemistry; 94% in College Prep Chemistry; teacher recommendation

SCI0400 Physics

36 weeks Gr 11, 12 1.0 cr

This course is designed to teach students how various phenomena in the universe work. The course focuses on the nature of motion and mechanics. Additional topics include energy, properties of matter, heat, sound and light, electricity and magnetism.

Prerequisite: 74% in Geometry; 74% in College Prep Chemistry; teacher recommendation

SCI0402 Honors Physics

36 weeks Gr 11, 12 1.0 cr

This course is an intense, mathematical approach to the nature of motion and mechanics. Students should possess strong critical thinking and reasoning skills and be able to apply physics concepts to real world problems.

Prerequisite: 84% in Geometry; 84% in Honors Chemistry; 94% in College Prep Chemistry; teacher recommendation

SCI0603 AP Physics 1

36 Weeks Gr 11, 12 1.0 cr

This course is designed to prepare students to take the Advanced Placement Physics 1 exam and is taught as a college-level Algebra-based Physics 1 course. Students must have strong mathematical and problem solving skills. AP Physics 1 covers the study of Classical Mechanics which includes: Kinematics, Projectile Motion, Newton's Laws, Circular Motion, Gravitation & Kepler's Laws, Work & Energy, Momentum & Impulse, and Torque & Rotational Dynamics. Additionally, students will study Electrostatics & basic DC Circuits, Simple Harmonic Motion and Mechanical Waves. Inquiry-based lab work will be integral to this course.

Prerequisite: 84% in Honors Geometry and Honors Algebra II; or 94% in Geometry and Algebra II; and 84% or higher in CP/Hon Chemistry.

SCI0500 Human Anatomy and Physiology

36 weeks Gr 11, 12 1.0 cr

This course is intended for students interested in the medical or science fields. It will cover the basics of human anatomy and physiology including anatomical terminology, basic biochemistry, cells and tissues, and the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic/immune, respiratory, digestive, urinary, and reproductive systems. ***This course is a dual-credit course where transcribed college credit may be awarded based on the students final grade.***

Prerequisite: 81% in CP Biology; 71% in Honors Biology; meets eligibility for concurrent/dual credit courses

SCI0515 Forensic Science

36 weeks Gr 11, 12 1.0 cr

This course is a project and laboratory-based science class designed for students who are interested in forensic science. The purpose of this course is for students to gain experience in the major investigative techniques currently used by forensic scientists and crime scene investigators, and to develop an understanding of the scientific concepts which serve as the basis for these techniques.

Prerequisites: 81% in CP Biology and CP Chemistry

SCI0530 Introduction to Ecology

36 weeks Gr 10, 11, 12 1.0 cr

This is an introductory course to basic principles of ecology and the study of interactions between organisms and their environment. The course will examine the study of Earth's ecosystems and natural resources, how humans interact with different species, and some of the challenges humans face in sustaining life on Earth for future generations. Students will acquire basic "ecological literacy" regarding how the natural world works and develop an understanding of how scientific methods are used throughout the lab work.

Prerequisites: 71% in Biology

SCI0550 Introduction to Agriculture

18 weeks Gr 10, 11, 12 0.5 cr

This course provides an opportunity for students to learn about the agricultural industry, its major components, and the economic influence of agriculture at the local, national, and global levels. Basic concepts in animal science, plant science, soil science, horticulture, natural resources, agribusiness management, and agricultural mechanics, will be presented. Students will participate in hands-on labs, class discussions, lectures and projects.

Prerequisites: 74% in Biology

SCI0580 Introduction to Botany

18 weeks Gr 11, 12 0.5 cr

This course provides an introduction to the classification, relationships, structures and functions of plants. Emphasis is on plant anatomy, plant ecology, development, and levels of organization. Additional topics include symbiotic relationships with pollinators, fungi, gardening, soil chemistry,

and identification of local flora. Laboratory exercises include microscope observations, field observations, experiments and plant cultivation.

Prerequisites: 81% in CP Biology and CP Chemistry

SCI0501 Principles of Biomedical Science

36 weeks Gr 10, 11, 12 1.0 cr

In this course, students explore concepts of biology and medicine as they take on roles of different medical professionals to solve real-world problems. Over the course of the year, students are challenged in various scenarios including investigating a crime scene to solve a mystery, diagnosing and proposing treatment to patients in a family medical practice, to tracking down and containing a medical outbreak at a local hospital, stabilizing a patient during an emergency, and collaborating with others to design solutions to local and global medical problems. **Students have the opportunity to apply for [dual enrollment credit through Rochester Institute of Technology](#) based on the End of Course Assessment scores and final grade.**

Prerequisites: 81% in CP Biology; 71% in Honors Biology; teacher recommendation

SCI0502 Human Body Systems

36 weeks Gr 10, 11, 12 1.0 cr

In the Human Body Systems (HBS) course, students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments to investigate the structures and functions of the human body. They will use this information to explore muscle movement, reflex and voluntary actions, and respiration. Exploring science in action, students build organs and tissues with clay on a skeletal manikin, and work through interesting real-world cases, playing the role of biomedical professionals to solve medical mysteries.

Students practice problem-solving with structured activities and progress to open-ended problems that require them to develop planning, documentation, communication, and other professional skills.

Students have the opportunity to apply for [dual enrollment credit through Rochester Institute of](#)

Technology based on the End of Course Assessment scores and final grade.

Prerequisites: Successful completion of Principles of Biomedical Science

SCI0503 Medical Interventions

36 weeks Gr 11, 12 1.0 cr

Students will investigate the variety of interventions involved in the prevention, diagnosis, and treatment of disease as they follow the lives of a fictitious family. While learning how to maintain overall health and homeostasis in the body, students will explore how to prevent and fight infection, how to screen and evaluate the code in our DNA, how to prevent, diagnose, and treat cancer, and how to prevail when the organs of the body begin to fail. Through various scenarios students will be exposed to the wide range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. **Students have the opportunity to apply for [dual enrollment credit through Rochester Institute of Technology](#) based on the End of Course Assessment scores and final grade.**

Prerequisites: Successful completion of Human Body Systems

SCI0602 AP Environmental Science

36 weeks Gr 10, 11, 12 1.0 cr

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

Prerequisites: Successful completion of both Biology and Chemistry.

Co-requisite: Chemistry with instructor approval.

Social Studies Department

Suggested Course Sequence

9 th Grade	10 th Grade	11 th Grade	12 th grade
World History I	World History II	Modern US History	American Government
CP World History I	CP World History II	CP Modern US History	CP American Government AP American Government
H World History I	H European History AP European History	H US History AP US History	CP American Government AP American Government

Department Requirements: All students must complete a minimum of four credits of social studies for graduation. Most students complete one credit of social studies each year of high school. Students interested in history or social sciences are encouraged to enroll in additional social studies electives. Course descriptions include specific, required prerequisites for each course.

HST0110 World History I

36 weeks Gr 9 1.0 cr

This is the first year of a two-year, chronologically organized study of world history and geography. In this first year, students study the world from the beginnings of mankind to 1500 CE. The course highlights relationships between the geography and history of Europe, Africa, Asia, and Latin America. Students refine and expand critical thinking skills, practice decision making and problem solving, and formulate questions to guide research. Students will examine the patterns of actions and reactions or causes and effects in different parts of the world. Course themes include the study of continuity vs. modernization, cultural diffusion vs. conflict, social values and practices, religion, and treatment of women and regional minorities.

Prerequisites: Successful completion of 8th grade social studies

HST0111 College Prep World History I

36 weeks Gr 9 1.0 cr

This is the first of a two-year, chronologically organized study of world history and geography. In this first year, students study the world from the beginnings of mankind to 1500 CE. The course highlights relationships between the geography and history of Europe, Africa, Asia, and Latin America. History and the methods of historical research will be the main focus of this course. Students will examine the patterns of actions and reactions or causes and effects in different parts of the world. Students must possess strong reading skills as this

course includes some independent work. Course themes include the study of continuity versus modernization, cultural diffusion versus conflict, social values and practices, religion, and treatment of women and regional minorities.

Prerequisites: Successful completion of 8th grade social studies; teacher recommendation

HST0112 Honors World History I

36 weeks Gr 9 1.0 cr

This is the first of a two-year, chronologically organized study of world history and geography. In this first year, students study the world from the beginnings of mankind to 1500 CE. History and the methods of historical research will be the main focus of this course. Students will examine the patterns of actions and reactions or causes and effects in different parts of the world. The course highlights relationships between the geography and history of Europe, Africa, Asia, and Latin America. Course themes include the study of continuity versus modernization, cultural diffusion versus conflict, social values and practices, religion, and treatment of women and regional minorities. Students are required to have demonstrated high levels of achievement in their prior Social Studies course work and well-developed skills in reading comprehension and writing. This course is a more detailed and analytical investigation into core cultural aspects and focuses on preparation for potential enrollment in future Advanced Placement classes.

Prerequisites: 84% in 8th grade CAAP social studies; teacher recommendation

HST0210 World History II

36 weeks Gr 10 1.0 cr

This is the second of a two-year, chronologically organized study of world history and geography. In this second year, students will study from 1500 CE to modern day. The course highlights relationships between the geography and history of Europe, Africa, Asia, and Latin America. History and the methods of historical research will be the main focus of this course. Students will examine the patterns of actions and reactions or causes and effects in different parts of the world. Students will ultimately investigate the complexities in our 21st world through multiple lenses such as examining the world's history, cultures, human and physical geography, and economic and political structures.

Prerequisites: Successful completion of 9th grade history course

HST0211 College Prep World History II

36 weeks Gr 10 1.0 cr

This is the second of a two-year, chronologically organized study of world history and geography. In this second year, students will study from 1500 CE to modern day. The course highlights relationships between the geography and history of Europe, Africa, Asia, and Latin America. History and the methods of historical research will be the main focus of this course. Students will examine the patterns of actions and reactions or causes and effects in different parts of the world. Students must possess strong reading skills as this course includes some independent work. Students will ultimately investigate the complexities in our 21st world through multiple lenses such as examining the world's history, cultures, human and physical geography, and economic and political structures.

Prerequisites: Successful completion of College Prep 9th grade history course; 94% in 9th grade history course; teacher recommendation

HST0202 Honors European History

36 weeks Gr 10 1.0 cr

This course will focus on a rigorous, in-depth, study of European History from the Late Middle Ages

through the present day. Students are expected to be able to work independently and possess strong reading and writing skills. Students will engage in research, collaborative group projects, and individual study. Areas of specific concentration include political, economic, cultural, and social developments that played a fundamental role in shaping our world. Students will be expected to make connections between specific content areas and its impact on the development of contemporary institutions.

Prerequisites: 84% in Honors 9th grade history/English course; 94% in College Prep 9th grade history/English course; teacher recommendation

HST0600 AP European History

36 weeks Gr 10 1.0 cr

This course will focus on a rigorous, in-depth, study of European History from the Late Middle Ages through the present day. Students are expected to be able to work independently and possess strong reading and writing skills. Students will engage in research, collaborative group projects, and individual study. This course includes additional reading and writing assignments. Areas of specific concentration include political, economic, cultural, and social developments that played a fundamental role in shaping our world. Students will be expected to make connections between specific content areas and its impact on the development of contemporary institutions.

Prerequisites: 84% in Honors 9th grade history/English course; 94% in College Prep 9th grade history/English course; teacher recommendation

HST0310 Modern US History

36 weeks Gr 11 1.0 cr

United States History is a class that studies the history of the United States of America from the end of World War II through modern day. Students will increase their knowledge of the people, experiences, and events, which shaped our nation. This course will focus on the social trends, political figures, and military engagements that influenced the United States post World War II. Students will develop

their understanding of modern U.S. history through both discovery and traditional methods.

Prerequisites: Successful completion of 10th grade history course

HST0311 College Prep Modern US History

36 weeks Gr 11 1.0 cr

College Prep United States History is a class that studies the history of the United States of America from the end of World War II through modern day. Students will increase their knowledge of the people, experiences, and events, which shaped our nation. College Prep United States History will have an in depth focus on the social trends, political figures, important leaders, economic ideas, and military engagements that influenced the United States post World War II. Students will develop their understanding of modern U.S. history through both discovery and traditional methods.

Prerequisites: Successful completion of College Prep 10th grade history course; 94% in 10th grade history course; teacher recommendation

HST0302 Honors United States History

36 weeks Gr 11 1.0 cr

The objective of this course is to increase student's understanding of American history; from the arrival of the first Americans to the late 1960s, and increase student's knowledge of the people, experiences, events, and ideas that shaped our nation. The class concentrates on the social, political, economic, religious, and military history of the United States of America. Honors United States History is designed to provide students with the analytical skills and factual knowledge necessary to critically analyze, and respond to problems and materials in United States history. Students will assess historical materials and weigh the evidence and interpretations presented in historical scholarship. Textbook readings, class work, homework, and research-based projects are required to receive credit for the class.

Prerequisites: 84% in Honors 10th grade history/English course; 94% in College Prep 10th grade history/English course; teacher recommendation

HST0601 AP United States History

36 weeks Gr 11 1.0 cr

The objective of this course is to increase student's understanding of American history; from the arrival of the first Americans to the present, and increase student's knowledge of the people, experiences, and events that shaped our nation. The class concentrates on the social, political, economic, religious, and military history of the United States of America. Advanced Placement United States History is the equivalent of a college level course, designed to provide students with the analytical skills and factual knowledge necessary to critically analyze, and respond to problems and materials in United States history. Students will assess historical materials and weigh the evidence and interpretations presented in historical scholarship. Textbook readings, LEQs, DBQs, and research-based projects are required to receive credit for the class. Also, students must complete a set of assignments over the summer so the class remains on track for the advanced placement exam. Students in this course will be expected to take the Advanced Placement exam in May.

Prerequisites: 84% in Honors 10th grade history/English course; 94% in College Prep 10th grade history/english course; teacher recommendation

HST0400 American Government

36 weeks Gr 12 1.0 cr

American Government provides the students with an introduction to the American governance system. Students explore the foundation of the republic, the Constitution, the branches of government, linkage institutions, political behavior, rights and freedoms, and public policy and citizenship.

Prerequisites: Successful completion of 11th grade History course

HST0401 College Prep American Government

36 weeks Gr 12 1.0 cr

This course provides students with an in-depth study analysis of the American governance system. Students will examine the foundation of the republic, the Constitution, the branches of government, linkage institutions, political behavior, rights and freedoms, and public policy and citizenship. Students will be expected to engage in critical reading and an increased amount of written work. A

critical and objective analysis will be conducted to better understand the American government.

Prerequisites: 84% in College Prep 11th grade history course; 94% in 11th grade social studies; teacher recommendation

HST0602 AP US Government and Politics

36 weeks Gr 12 1.0 cr

AP US Government and Politics is a thorough examination of the American governmental and political system. Students enrolling in this course should possess well-developed reading comprehension, writing, and test taking skills. Students are expected to be able to work independently and are required to complete an abundance of outside reading. AP US Government and Politics follows the AP Approved syllabus in preparation for the Advanced Placement exam.

Prerequisites: 84% in Honors US History; 94% in College Prep Modern US History; teacher recommendation

HST0500 Introduction to Criminal Justice

18 weeks Gr 10, 11, 12 0.5 cr

This course will provide students with a thorough knowledge of the criminal justice system. Students will study the history of police and society, crime and victimization, the courts and judiciary system, as well as federal, state, and local prison systems. Students will examine the biological, sociological, and psychological reasons people commit crime.

HST0510 American Popular Culture

18 weeks Gr 10, 11, 12 0.5 cr

Students will analyze the influences of popular culture in today's society by focusing on art, music, news media, literature and sports. Through examination of these factors we can define ways in which they shape the culture of America. By employing a variety of research techniques, students evaluate and study the methods in which America absorbs other cultures, adapts them, making them uniquely American. We will also investigate how America is an exporter of culture.

HST0511 Sports in American Culture

18 weeks Gr 9, 10, 11, 12 0.5 cr

This course follows the timeline of sports throughout American history as well as how specific events in sports have impacted American culture and society. The course begins with the first sports played in North America and follows the changes in sports through the 1950s. From there, the course focuses on different themes such as sports and the Civil Rights Movement, the business side of sports, and fandom.

HST0512 Comics in American Culture

18 weeks Gr 9, 10, 11, 12 0.5 cr

Comics in American Culture follows the history of comic books through the various ages that are signified by major changes in themes and styles. The course will evaluate how the historic events and popular culture of the time can be seen throughout the characters and storylines of the different ages.

HST0520 Hitler and Nazism Studies

18 weeks Gr 10, 11, 12 0.5 cr

Offered every other year on even years (i.e. 2020-2021)

Hitler and Nazism is a social studies elective offered to 10th, 11th and 12th grade students. The class is split into six units, which deal with topics relative to the development and history of the Third Reich. The first two units cover a brief history of Germany, before Hitler's rise to power. Units three and four cover material dealing with Hitler's life; Hitler's rise to power in the Nazi party and Germany, and Hitler's political agenda. A complete history of World War II, from a Nazi perspective, will constitute units five and six. The class is taught through both traditional and discovery based methods, but utilizes college level textbooks and material.

HST0530 Holocaust and Genocide Studies

Offered every other year on odd years (i.e. 2021-2022)

18 weeks Gr 10, 11, 12 0.5 cr

Holocaust and Genocide Studies is a continuation of Hitler and Nazism, and is offered to 10th, 11th, and 12th grade students. Holocaust and Genocide Studies includes a profound study of the Holocaust during which, the students will read and discuss the memoir Survival in Auschwitz by Primo Levi. The class will analyze the historical foundation set for the Holocaust in Europe before Hitler's rise to power, and the early infrastructure set up for the

Holocaust after Hitler's appointment as Chancellor in January 1933. Furthermore, the class will delve deep into the events of the Holocaust. The class will analyze the effects of the Holocaust during the immediate aftermath, and for the nearly seventy years after the tragedy. Finally, the class will study and analyze two to three other incidents of genocide in the world, and compare and contrast these horrific tragedies to the Holocaust.

HST0550 Local History

18 weeks Gr 10, 11, 12 0.5 cr

Local History will involve the study of Pennsylvania's geography, cultural heritage, and overall history from the Native Americans through modern day. The students will learn about the various people, places, cultures, and events that contributed to the establishment and development of Pennsylvania within the context of history in the United States. The class will launch a study on the history of the Southern Chester County region of Pennsylvania. Local History will utilize discovery and traditional methods of instruction.

HST0540 Introduction to Psychology

36 weeks Gr 10, 11, 12 1.0 cr

Introduction to Psychology is an introductory course designed to provide students with a working knowledge of the basic concepts in the field of psychology. Students will be exposed to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students explore the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Learning, remembering, thinking, adjusting, sensation and perception, states of consciousness, motivation and emotion, development, individual differences, abnormal behavior, treatment of psychological disorders, and understanding more about human behavior are important aspects of psychological inquiry. Students are expected to read college level text and case studies as well as complete two detailed research papers. ***This course is a dual-credit course where transcribed college credit may be awarded based on the students final grade.***

Prerequisite: Meets eligibility for concurrent/dual credit courses

HST0560 Contemporary Global Issues

18 weeks Gr 11, 12 0.5 cr

This course is designed to give students an understanding of a variety of issues facing parts of or the entire world and how countries use global cooperation to attempt to fix these issues. Students will learn the background of the various issues and then take part in a model United Nations conference in which they address the issues discussed.

Prerequisites: Students must have completed World History II, CP/Honors World History II, or AP European History

HST0580 Sociology

36 weeks 10, 11, 12 1.0 cr

Introduction to Sociology is an introductory course designed to provide students with the analysis of sociocultural behavior; emphasis is upon the development of the social individual, collective and group behavior, social institutions and culture. The presentation of basic terms, concepts, and theories provide an understanding of the functioning of society and society's impact on the individual. Students are expected to read college level text and case studies as well as complete a detailed research paper.

Technology, Engineering and Computer Science

Technology

TCH0100 Film and Video I

18 weeks 0.5 cr

This course offers students an opportunity to explore the technical aspects of digital videos, including using these skills in gaming, YouTube, and other entertainment platforms. Students will examine various genres of video as well as multiple camera shots and movements while producing their short digital videos.

TCH0200 Film and Video II

18 weeks 0.5 cr

This course is a continuation of the introductory level. Students will explore the technical aspects of digital video by producing their short digital videos within genres from self-exploration, music videos, vlogging, genre, and documentaries. Students will examine various camera shots and movements and be exposed to practical editing techniques while also learning to publish projects in various media formats.

Prerequisites: 71% in Video Production I

TCH0130 Evolution of Filmmaking

18 weeks 0.5 cr

This course offers students a contextual perspective of the history of cinema, from the Edison company inventions all the way to the Marvel franchises today. Specifically focusing on the technical advances throughout the decades, students will examine films, inventions, and people who changed the course of films as we know them. Curriculum consists of reflective viewings, formative assessments, and research projects.

TCH0140 SuperHero Films: From Comics to Screen

18 weeks 0.5 cr

This course offers students a contextual perspective of the history of superhero films, starting with the origins in the comic book industry through the development of Marvel industries and what lies ahead for the genre. From watching specific films,

studying trends in the comic book & gaming industry, and researching specific examples of moments that transcended the art, students will have a stronger understanding of their cultural impact, as well as their opportunity to transform the entertainment industry. Curriculum consists of reflective viewings, formative assessments, and research projects.

Engineering

Program Description: PLTW Engineering program for students interested in the field of design thinking, problem solving, and engineering. Students enrolling into the PLTW Engineering courses should plan to commit to the completion of at least three (3) Engineering courses over the span of their HS career. **Students have the opportunity to apply for [dual enrollment credit through Rochester Institute of Technology](#) based on the End of Course Assessment scores and final grade in each of the three PLTW Engineering courses.**

TCH0500 Introduction to Engineering Design

36 weeks 1.0 cr

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software, and use an engineering notebook to document their work.

Prerequisites: Successful completion of Algebra I

TCH0510 Principles of Engineering Design

36 weeks 1.0 cr

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. This course carries honors level weighting.

Prerequisites: 71% in Introduction to Engineering Design; teacher recommendation

TCH0530 Engineering Design and Development

36 weeks 1.0 cr

EDD is the engineering track's capstone course. The knowledge and skills students acquire throughout PLTW Engineering come together in Engineering Design and Development as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing Engineering Design and Development ready to take on any post-secondary program or career. Students will also be exposed to industry based internship and work-study opportunities. This course carries honors level weighting.

Prerequisites: 71% in Principles of Engineering Design; teacher recommendation

Computer Science

Program Description: All computer science courses are provided by a third-party online course provider. Students may elect to have these courses scheduled into their existing school day where they will be scheduled into a proctored computer lab or take the class independently. **Students enrolling in these courses must have their own personal computer that meets specific specifications set forth by the third-party course provider. In many instances students will not be able to utilize their school-issued Chromebook for these courses.**

TCH0600 Introduction to Computer Science

36 weeks Gr 10, 11, 12 1.0 cr

With emphasis on computational thinking and collaboration, this year-long course provides an excellent entry point for students to begin learning computer science and coding. This course will expose students to a diverse set of computational thinking concepts, fundamentals, and tools, allowing them to gain understanding and build confidence. Students will use visual, block-based programming and seamlessly transition to text-based programming with languages such as Python to create apps and develop websites, and learn how to make computers work together to put their design into practice. They'll apply computational thinking practices, build their vocabulary, and collaborate just as

computing professionals do to create products that address topics and problems important to them.

Prerequisites: Successful completion or concurrent enrollment in Algebra I

TCH0620 AP Computer Science Principles

36 weeks Gr 11, 12 1.0 cr

Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation.

Prerequisites: 84% in Introduction to Computer Science; teacher recommendation

TCH0621 AP Computer Science A (Java)

36 weeks Gr 11, 12 1.0 cr

Throughout the Computer Science course experience, students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.

Prerequisites: 84% in Introduction to Computer Science; teacher recommendation

TCH0610 Cybersecurity

36 weeks Gr 11, 12 1.0 cr

Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked; in Cybersecurity, students solve

problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior. It also aims to develop students' skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely.

Prerequisites: 81% in Introduction to Computer Science; teacher recommendation

TCH0120 Game Design I

36 weeks Gr 11, 12 0.5 cr

This course is an introduction to fundamental game design principles. Students will create unique game levels with Unity3D. This course is suitable for beginners who are capable of making intricate game environments. The software used in this course encourages detailed world building and unlimited creativity. Students will use C# to script basic object behavior using game physics.

Prerequisites: Successful completion or concurrent enrollment in Algebra I.

TCH0220 Game Design II

36 weeks Gr 11, 12 0.5 cr

In this course, students will take C# programming to the next level by using a graphics library to create your own 3D, AR, and VR game levels or serious game simulations (think science, education, and medical applications). Students will build and code their own unique mechanics. Jump-start a programming career while using Microsoft Visual Studio to create impressive projects.

Prerequisites: Successful completion of Algebra I, Game Design I, or Introduction to Computer Science.

World Language Department

Department Requirements: World Language courses help to satisfy a student's Arts & Humanities graduation requirements. AGCS recommends that any student investigating four-year college or university post-secondary plans enroll and complete at least two (2) years of World Languages. It is best to study one language for multiple years.

AGCS currently partners with multiple third-party online course providers to fulfill students' World Language requests if they are unable to be scheduled into a student's AGCS schedule.

LAN0100 Spanish I

36 weeks Gr 8, 9, 10 1.0 cr

Spanish I is designed for true beginners and/or students who have not yet gained beginner level proficiency in Spanish. This course is an introduction to the four basic language skills of reading, writing, speaking and listening. Vocabulary is presented thematically; grammar patterns are practiced in functional situations related to unit themes.

Prerequisites: 8th grader with 7th grade English teacher recommendation OR High School student

LAN0200 Spanish II

36 weeks Gr 9, 10, 11 1.0 cr

Spanish II continues and expands upon the fundamental skills of listening, speaking, reading, and writing acquired in Level I. Emphasis is given to the development of conversational abilities, mastery of new grammar structures, and acquisition of new vocabulary. Increased attention is given to reading and writing. Instruction is delivered in the target language as much as possible.

Prerequisites: 71% in Spanish I

LAN0300 Honors Spanish III

36 weeks Gr 10, 11, 12 1.0 cr

Spanish III develops reading, writing, speaking and listening skills at a more advanced level, as students continue to acquire proficiency in the language. Emphasis is placed on vocabulary acquisition, mastery of basic grammar structures, introduction to advanced grammar, further development of reading and writing skills, and oral/aural communication skills. Instruction is delivered in the target language. This level of Spanish is meant to be "Pre Advanced Placement Courses" to prepare the student to take AP Spanish.

Prerequisites: 84% in Spanish II

LAN0400 Honors Spanish IV

36 weeks Gr 11, 12 1.0 cr

More advanced Spanish language learners will use their language abilities to engage in Spanish literature and discussion of various historic persons who made a significant impact in Spanish-speaking countries. Students will respond orally and in writing to authentic literary texts. Students will use the target language to express themselves in functional situations. Students are expected to use the target language during class. Instruction is delivered in the target language. This level of Spanish is meant to be a "Pre Advanced Placement Courses" to prepare students to take AP Spanish.

Prerequisites: 81% in Honors Spanish III

LAN0600 AP Spanish V

36 weeks Gr 11, 12 1.0 cr

Students will prepare with extensive reading, writing, listening and speaking skills which will primarily come from the AP Spanish text materials. The class will center on test taking skills, practice exams, essays, engaging in conversation, reading Spanish novels and completing a research paper. At this level, students are expected to function exclusively in the target language. All instruction is delivered in the target language.

Prerequisites: 84% in Honors Spanish IV

LAN0110 French I

36 weeks Gr 8, 9, 10 1.0 cr

French I is designed for true beginners and/or students who have not yet gained beginner level proficiency. This course is an introduction to the four basic language skills of reading, writing, speaking and listening. Vocabulary is presented thematically; grammar patterns are practiced in functional situations related to unit themes.

Prerequisite: 8th grader with 7th grade English teacher recommendation OR High School student

LAN0210 French II

36 weeks Gr 9, 10, 11 1.0 cr

French II continues and expands on the fundamental skills of listening, speaking, reading and writing skills acquired in Level I. Emphasis is given to the development of conversational abilities, mastery of new grammar structures, and acquisition of new vocabulary. Increased attention is given to reading and writing. Instruction is given in the target language as much as possible.

Prerequisites: 71% in French I

LAN0310 Honors French III

36 weeks Gr 10, 11, 12 1.0 cr

French III develops reading, writing, speaking and listening skills at a more advanced level, as students continue to acquire proficiency in the language. Emphasis is placed on vocabulary acquisition, mastery of basic grammar structures, introduction to advanced grammar, further development of reading and writing skills, and oral/aural communication skills. Instruction is delivered in the target language. This level of French is meant to be “Pre Advanced Placement Courses” to prepare the student to take AP French.

Prerequisites: 84% in French II

LAN0410 Honors French IV

36 weeks Gr 11, 12 1.0 cr

More advanced French language learners will use their language abilities to engage in Spanish literature and discussion of various historic persons who made a significant impact in Spanish-speaking countries. Students will respond orally and in writing to authentic literary texts. Students will use the target language to express themselves in functional situations. Students are expected to use the target language during class. Instruction is delivered in the target language.

Prerequisites: 84% in Honors French III

LAN0510 Honors French V

36 weeks Gr 11, 12 1.0 cr

Students will prepare with extensive reading, writing, listening and speaking skills which will

primarily come from the AP French text materials. The class will center on test taking skills, practice exams, essays, engaging in conversation, reading French novels and completing a research paper. At this level, students are expected to function exclusively in the target language. All instruction is delivered in the target language.

Prerequisites: 84% in Honors French IV

Performing and Visual Arts Department

Department Requirements: The Performing and Visual Arts Department is dedicated to providing a safe and creative learning environment in which students learn to evaluate themselves throughout the creative process. Courses listed under the Performing and Visual Arts will work towards satisfying a student's Arts & Humanities graduation requirement or elective credits. Students will work to be active learners, develop art content skills, and become artistic risk takers while working in an atmosphere that encourages individual artistic expression. Students are encouraged to enroll in a variety of Performing and Visual Arts classes to help facilitate a well-rounded Arts experience. See the program of distinction area for more information related to potential honors available.

Visual Arts

Program Description: The Visual Arts program aims to provide students with a well-rounded experience in order to challenge students' creativity and skills. These courses will integrate the study of relevant art history and appreciation materials within the framework of the specific media studied. Student work produced in these courses may be displayed during the yearly Arts Festival.

ART0120 2D Studio I

18 weeks 0.5 cr

This course is designed for the student who is interested in exploring a variety of media in a studio environment. Students will explore techniques in drawing, painting, printmaking and other processes with a focus on the two-dimensional elements of design.

ART0220 2D Studio II

18 weeks 0.5 cr

This course is a continuation of the introductory level studio course. Students will explore techniques in drawing, painting, printmaking and other processes with a focus on the two-dimensional elements of design. Composition, craftsmanship, and visual problem solving will be emphasized.

Prerequisites: 71% in 2D Studio I

ART0130 3D Studio I

18 weeks 0.5 cr

This course introduces students to the basic elements of design and construction in 3-dimensional artwork. Students will use a variety of media to explore line, shape, texture, and the tactile quality of sculpture.

ART0230 3D Studio II

18 weeks 0.5 cr

This course is a continuation of the introductory level course. Students will use a variety of media to explore line, shape, texture, and the tactile quality of sculpture. The design process, craftsmanship, and visual problem solving will be emphasized.

Prerequisites: 71% in 3D Studio I

ART0140 Ceramics I

18 weeks 0.5 cr

Students will explore, research, and develop a variety of related skills while exploring the ceramic medium. Focusing on hand building techniques, students will use a variety of tools and glazing processes to create both functional and decorative pottery. Students will also begin throwing on a pottery wheel. This course also contains a study of the historical and contemporary relevance concerning the ceramics industry.

ART0240 Ceramics II

18 weeks 0.5 cr

This course is a continuation of the introductory level with an emphasis on pottery wheel throwing techniques. Students will continue to refine hand building techniques, experiment with glazing processes, and gain content knowledge relevant to the contemporary industry.

Prerequisites: 71% in Ceramics I

ART0150 Fiber Arts I

18 weeks 0.5 cr

This introductory course will provide a foundation for students who have an interest in any type of textile production including pre and post production processes.. Included in this course will be the basics of fiber (in its raw form), cleaning, carding,

spinning, knitting, weaving, crochet, felting and needle point.

ART0150 Fiber Arts II

18 weeks 0.5 cr

Students will continue to dive deeper into the world of the textile industry by honing their pre and post production skills. Students will continue to explore the pre-production process and learn how to separate lanolin from wool and spin. Expansion of the post-production process will include learning how to read and create patterns followed by more complicated stitch work.

Prerequisites: 71% in Fiber Arts I

ART0100 Photography I

18 weeks 0.5 cr

This course is designed for the beginner photographer. The full semester involves learning about the fundamentals of digital photography and the functions of the DSLR camera. Students will use Adobe programs such as Lightroom and Photoshop. They will begin to explore the darkroom for the creation of traditional black and white photography.

ART0200 Photography II

18 weeks 0.5 cr

This course will expand on the techniques learned in the introductory course. Students will explore new photographic techniques, Adobe products and editing software, photojournalism and studio photography. Students will advance their skills in traditional black and white photography through the use of film.

Prerequisites: 71% in Photography I

ART0110 Drawing I

18 weeks 0.5 cr

This course is designed to introduce students to the foundations of drawing. Students will draw from observation focusing on line sensitivity, shading, and perspective. This course is highly recommended for students with and interest in pursuing studies in the arts.

ART0115 Drawing II

18 weeks 0.5 cr

This course builds upon the skills developed in Drawing I and introduces students to alternative mediums such as charcoal, colored pencil, water soluble pencil and additional progressive subject matter.

Prerequisites: 71% in Drawing I

ART0210 Painting I

18 weeks 0.5 cr

This course will introduce students to various techniques using watercolor and acrylic paints. Students will practice color matching, blending, and creating the illusion of textures, in addition to discussing composition, brush selection, and supplemental materials.

Prerequisites: 71% in Drawing I

ART0211 Painting II

18 weeks 0.5 cr

This course is a continuation of Painting 1. Students will continue to expand on their knowledge of basic painting techniques such as color mixing, value, perspective and texture. Painters are encouraged to explore and develop an individual style using watercolor and acrylic paints. All painting students are assigned structured lessons that offer personal choices, reflection, and structured critiques.

Prerequisite: 71% in Painting I

ART0160 Digital Art I

18 weeks 0.5 cr

This course is a broad, hands-on survey of computer based art production. Students will use a variety of Adobe software as a creative tool in creating fine art using contemporary techniques. Students will also be introduced to digital painting through the use of Wacom tablets. Projects will include photography, manipulation, illustration, mixed media, and digital painting.

ART0260 Digital Art II

18 weeks 0.5 cr

In this course students will continue to develop their fine art talents using contemporary digital mediums. Advanced techniques in Adobe Creative Cloud and higher levels of fine arts philosophy will be applied to the content of the course. Students will study professional fine artists and contemporary concepts

artists in order to create work that is considered industry standard.

Prerequisites: 71% in Digital Art I

ART0300 Graphic Design I

18 weeks 0.5 cr

This course is designed to introduce students to the creative world of visual communication and aims to broaden their understanding of graphic design. Class sessions will include design analysis and experimentation, studio work, and evaluations of finished and printed pieces. Students will be introduced to Adobe Photoshop/Illustrator and will explore its capabilities through a variety of lessons and projects.

ART0310 Graphic Design II

18 weeks 0.5 cr

This course is designed to further develop skills learned in Graphic Design I and also to introduce new concepts and software. Students will become proficient in Adobe Photoshop/Illustrator and will experiment with Adobe InDesign. Class sessions will focus on design analysis, rendering, typography, concept development, layout design, visual hierarchy, and client collaboration.

Prerequisites: 71% in Graphic Design I

ART0500 Art History A

18 weeks 0.5 cr

Offered every other year on even years (i.e. 2020-2021)

This course explores the arts of antiquity, beginning with prehistoric art and continuing through the art of ancient Rome. This course uses lectures, discussions, demonstrations, and projects that introduce the principles of visual arts and the role they play in human culture. Works of art are examined in both form and content. All assignments reflect these concepts and offer a variety of ways for students to think and write critically about art and culture.

ART510 Art History B

18 weeks 0.5 cr

Offered every other year on odd years (i.e. 2019-2020)

A broad study of the arts from many locations and times across the world. Art History B begins during the Pre-Gothic era and closes during the

contemporary, post-modern era. The course uses lectures, discussions, demonstrations, projects, and field trips to introduce the principles of visual arts and the role that the arts play in human culture. Works of art are examined in terms of both form and content. Assignments and examinations encourage students to think and write critically about art and the culture it creates. Art History A is not required for this course; they may be taken out of chronological order.

ART0420 Portfolio Development

36 weeks Gr 11, 12 1.0 cr

This course emphasizes individual investigation and mastery. Combining conceptual, critical, and creative thinking, students will propose various portfolio pieces and complete them within strict deadlines. Students will be restricted to work in mediums that they are well versed in by having already completed at least one advanced visual arts course (see requirements below). The body of this course will have students creating a dozen full portfolio pieces; students will research, develop thumbnails, create rough drafts, comprehensive betas, and a final piece. In order to successfully complete this course, students will have developed a broad and professional portfolio, worthy of granting them approval into AP Art.

Prerequisites: 81% in any Level II visual arts course.

ART0430 Yearbook

36 weeks 1.0 cr

Yearbook is a full year course in which students collaborate to produce the annual student publication. Students are introduced to all facets of the process including theme development, layout design, copy and caption writing, photographing, and photo editing. Photographic and written assignments will be completed in class and at home. Adobe programs and online design software will be introduced.

ART0600 AP Studio Art: 2D Design

36 weeks Gr 11, 12 1.0 cr

This course is designed for students who are interested in pursuing a career in a visual art related field. Students will develop and produce a portfolio

to be used in the college admissions evaluation process. This is a yearlong study that requires an excessive amount of time and effort from the student. Students must develop and declare a concentration (theme, message) that will dictate the development of half of their portfolio. In one year students must submit a comprehensive portfolio consisting of 12 concentration pieces and 12 breadth pieces.

Prerequisites: Successful completion of Portfolio Development; teacher recommendation

Dance and Creative Movement

Program Description: Program Description:

The Dance program's goal is to build students' skills and confidence within technique and performance. We aim to have students who appreciate dance as an art form and use it as an outlet to express themselves.

DAN0100 Dance I

36 weeks 1.0 cr

In this course, students explore a variety of genres including Ballet, Jazz, Lyrical, thereby gaining knowledge of the function of dance including communication in various cultures, times, and places. They learn that dance is the product of intentional physical actions by identifying and demonstrating movement elements such as body, action, energy, time and space. Students will learn skills in performing, including understanding and demonstrating choreographic principles, processes, and structures, and respond to and evaluate the making of dance. Students will have the opportunity to showcase learned skills in both a winter and spring dance performance.

DAN0200 Dance II

36 weeks 1.0 cr

In this course, students have previous experience in the genres of ballet, lyrical and jazz. Students learn that dance is the product of intentional physical actions by identifying and demonstrating movement elements such as body, action, energy, time and space. Students will enhance skills in performing and, including understanding and demonstrating choreographic principles, processes, and structures,

and respond to and evaluate the making of dance. Students in Dance II will showcase learned skills within our school and our community throughout the course of the year.

Prerequisite: 71% in Dance I

DAN0500 Stretching and Toning

18 weeks 0.5 cr

This course focuses on stretch, strength, flexibility, toning and conditioning. Each class is a fusion of, Pilates, Yoga and Ballet stretches. This fusion increases balance, flexibility, and posture all while targeting core muscles and incorporating breath with movement. This class will benefit dancers and non-dancers alike. *This class will satisfy Arts & Humanities or Elective credits.*

DAN0510 Hip Hop

18 weeks 0.5 cr

The primary purpose of this course is to introduce the fundamentals of hip hop dance technique, form and function. Emphasis will be given to basic steps; building combinations, musicality, and understanding the cultural influences through a historical investigation of hip hop dance styles as an art form.

DAN0520 Modern Dance

18 weeks 0.5 cr

This course is an introduction to modern dance technique and vocabulary. The course will develop balance, coordination and flexibility in the various styles of modern dance. The work in this class has many layers, including ongoing development of physical skills as well as explorations into improvisational dance, choreography and the historical aspects that have shaped modern dance.

DAN0530 Musical Theater

18 weeks 0.5 cr

This course covers the appropriate methods, materials, and skills needed to prepare and stage dances in musical productions. Dance styles such as musical theater jazz, tap and production will be covered. The course will also investigate the historical background of musical theater productions.

DAN0540 Pilates

18 weeks 0.5 cr

This class uses mat exercises designed to promote healthy movement practices, develop strength, balance, flexibility and coordination. Principles of basic anatomy and kinesiology may be integrated with principles of Pilates mat training.

Music Program

Program Description: The Music program is performance oriented with the goal of building or refining students' skills and confidence. We actively train singers & instrumentalists to achieve a high level of music proficiency in the areas of literacy, applications of musical concepts utilizing specific vocabulary and strategic aural skills with a high level of competencies in order for students to will find a continuous enjoyment in music, understand the process of creating music and potentially instilling a lifelong passion in their careers and lives.

MUS0310 Chamber Singers

36/18 weeks 1.0/0.5 cr

This course provides a performing vocal ensemble experience including 4-part (SATB) harmony singing. The ability to read music and/or the willingness to learn to read music is required. Vocal skills (breathing, phrasing, a cappella singing, and singing in foreign languages) will be presented in the choral literature that is being studied and performed. Repertoire will be drawn from a variety of musical eras and styles. Public performances will be given both during and after school hours. This course is a year-long course however students are encouraged to enroll for a single semester if there are schedule conflicts.

Prerequisite: Audition/Interview with Music Teacher

MUS0300 Jazz Band

36/18 weeks 1.0/0.5 cr

This course provides a performing instrumental ensemble experience focusing on classic and modern music from Jazz, Funk, and Rock eras. A variety of rhythms and jazz styles will be explored. Improvisational techniques will be taught and original composition will be encouraged. Public performances will be given both during and after

school hours. This course is a year-long course however students are encouraged to enroll for a single semester if there are schedule conflicts.

Prerequisite: Audition/Interview with Music Teacher

MUS0330 Orchestral Ensemble

36/18 weeks 1.0/0.5 cr

This course will provide a performing instrumental ensemble for all violin, viola, cello, and bass students that have been their students in primary and middle school grade levels. A variety of musical styles will be explored and concerts will be performed both during and after school hours.

Prerequisite: Audition/Interview with Music Teacher

MUS0120 Explorations in Music Performance

18 weeks 9, 10, 11, 12 0.5 cr

This introductory course gives students a brief introduction to playing guitar, piano, and percussion. Students receive foundational instruction on all three instruments, each culminating in a playing assessment. At the end of the three introductory units, students will choose a concentration instrument for the remainder of the semester.

MUS0201 Guitar II

18 weeks 0.5 cr

This intermediate-level course builds on the skills and concepts presented in Explorations in Music Performance. The students' repertoire is expanded to include sheet music of each student's choice. Students are provided with opportunities for writing and recording original music.

Prerequisite: Successful completion of Explorations in Music Performance

MUS0211 Piano II

18 weeks 0.5 cr

This course continues the techniques learned in the Piano Track of the Explorations of Musical Instrumentation Course. It combines theory and technique and is designed to give individualized and class instruction to each student. Topics covered include reading complex piano literature with left and right hand parts combined as well as understanding chords and being able to create

melodies and improvised solos based on supplied chords.

Prerequisite: Successful completion of Explorations in Music Performance

MUS231 Percussion II

18 Weeks 0.5 cr

This course continues the techniques learned in the Percussion Track of the Explorations of Musical Instrumentation Course. Students will receive further instruction on paradiddle patterns and be able to spend time on both pitched and non-pitched percussion instruments in order to further harness their skills.

Prerequisite: Successful completion of Explorations in Music Performance

MUS0110 Music Appreciation

18 weeks 0.5 cr

This course will explore the impact of music throughout the ages. It will help students become informed consumers and culturally aware of the impact of music in life. Students will explore the history of music, various styles of music, and learn about music in cultures throughout the world. The only prerequisites for this course are a lively curiosity and an interest in exploring the power of music. Students should possess, or be willing to cultivate, excellent note-taking skills and the ability to organize thoughts in writing.

MUS0100 Music Theory

18 weeks 0.5 cr

This course introduces students to the theoretical aspects of music including, harmony, rhythm, melody, form, musical analysis, aural training, and composition. Specific topics covered include intervals, major/minor/augmented/diminished chords, chord analysis, inversions, key signatures, scales, and transposition. Some level of music knowledge is encouraged for this course but not required.

MUS0600 AP Music Theory

36 weeks 10, 11, 12 1.0 cr

This year-long course is designed specifically for students who wish to enter the collegiate level as

music majors. Students in this course must have successfully completed an academic level music theory course.. Dictation, solfège syllables in major and minor keys in composition are incorporated into the curriculum. In addition, the student will learn how to use a tuning fork, utilize keyboard skills and present to the class on a given problematic issue in the study of music theory. Students who choose not to take the AP Music Theory Exam at the end of the course will be required to complete an alternate project.

Prerequisite: Successful completion of an academic level music theory; student interview with the instructor; demonstration of basic keyboard skills or some level of proficiency on their primary instrument

Health and Physical Education

Department Requirements: Students are required to complete one planned Health and one planned Physical Education course in order to meet their graduation requirements. Physical Education electives may be used to fulfill this requirement or count as elective credits.

PE0300 Health

18 weeks Gr 9, 10, 11, 12 0.5 cr

In this course students will examine the concept of wellness and how to improve one's health as it relates to major health components. Students will have the opportunity to build the foundation of their lives through the study of stress management, drug and alcohol education, human sexuality, and mental and emotional disorders.

PE0100 Physical Education

18 weeks Gr 9, 10, 11, 12 0.5 cr

This is an online course designed by Carone Learning. This course is designed to provide students with the basic skills and information needed to begin a personalized exercise program and maintain an active and healthy lifestyle. Students participate in pre and post fitness assessments in which they measure and analyze their own levels of fitness based on the five components of physical fitness: muscular strength, endurance, cardiovascular fitness, flexibility, and body composition. In this course, students research the benefits of physical activity, as well as the techniques, principles, and guidelines of exercise to keep them safe and healthy. Throughout this course students participate in a weekly fitness program involving elements of cardio, strength, and flexibility.

Grade 11			Grade 12		
Course #	Course Title	Credits	Course #	Course Title	Credits

Graduation Credit Requirements

Required Course Areas	Required Credits/Hrs	Credits/Hrs Earned To Date
English	4	
Social Studies	4	
Science	3	
Mathematics	3	
Arts & Humanities	4	
Health	0.5	
Physical Education	0.5	
Electives	4	
Culminating Portfolio/Work-Based Learning Experience	Completion Requirement	

Note: Please make sure that you have also met all other non-credit graduation requirements based on your graduating class.

Promotion Requirements

Credits required:

Promotion from grade 9 to 10 = 5.5 credits
 Promotion from grade 10 to 11 = 11.5 credits
 Promotion from grade 11 to 12 = 17.5 credits

AGCS Graduate - students must have successfully completed and been awarded a **minimum** of 23 credits and fulfilled all other graduation requirements