



# **South Windsor High School**

**2019 - 2020**

**Program of Studies**

**Grades 9 - 12**

# EQUAL EDUCATION OPPORTUNITY

The right of a student to participate fully in classroom instruction and extracurricular activities shall not be abridged or impaired because of age, sex, race, religion, physical or mental disability, national origin, ancestry, pregnancy, parenthood, marriage, sexual orientation, or for any reason not related to his/her individual capabilities.

Any student, parent/guardian, employee or employment applicant who feels that he/she has been discriminated against on the basis of race, color, age, national origin, sex or handicap may discuss and/or file a grievance with the Equity/Title IX Coordinator of the South Windsor Public Schools. Reporting should take place within 40 calendar days of the alleged discrimination.

Equity/Title IX Coordinator:  
Colin McNamara, Assistant Superintendent  
South Windsor Public Schools  
1737 Main Street  
South Windsor, Connecticut 06074  
(860) 291-1215

## ***Equity/Title IX Grievance Procedure***

The purpose of this procedure is to secure, at the lowest possible administrative level, equitable solutions to problems which may arise concerning claims of discrimination. Evidence of reprisal against a complainant or witness shall be viewed as an infraction of this policy.

Any individual who wishes to inquire or to register a complaint concerning alleged discrimination in the South Windsor Public Schools shall have an opportunity to bring such concerns to the attention of the Equity/Title IX Coordinator or Superintendent, who has the authority to resolve such complaints. The following grievance procedure shall be utilized by any student, parent, or employee in making a complaint or inquiry. Officials shall be governed by this procedure. Correspondence from school officials regarding the disposition of the complaint shall be sent by certified mail.

**Level II:** The complainant shall, within forty calendar days whenever possible of the alleged incident, on forms provided, put the complaint in writing and file it with the Equity/Title IX Coordinator. Within five working days a conference must be held. Within five work days following the conference, the complaint must be resolved to the satisfaction of both parties or referred to the Superintendent of Schools. Unless the complainant has made a written request for a hearing at the next level no later than ten work days after receiving a written response, the complaint will be considered resolved.

**Level III:** Within ten work days after receipt of such complaint, the Superintendent must hold a hearing; and within five work days of the hearing, resolve the complaint or negotiate a long-term solution. Unless the complainant has made a written request for a hearing at the next level no later than ten work days after receiving a written response, the complaint will be considered resolved.

**Level IV:** The Board of Education, Superintendent, and the Equity/Title IX Coordinator shall proceed in accordance with appropriate state statutes. For more information, please see full text of Board of Education Policy "Nondiscrimination and Equity in Employment and Educational Opportunity."

# ***SOUTH WINDSOR HIGH SCHOOL***

161 Nevers Road  
South Windsor, Connecticut 06074  
(860) 648-5000

## **School Administration**

Daniel P. Sullivan III .....Principal  
Tera L. Harlow .....Associate Principal  
Melissa Morgan-Hostetler .....Associate Principal  
Andrew T. Kuckel .....Associate Principal

## **Curriculum Leaders**

Steve Albrecht ..... Career and Technical Education  
Candice Irwin..... Literacy English/Language Arts  
Robyn Ongley ..... Mathematics  
Jereme Martineau ..... Music  
David Sytulek ..... Health and Physical Education  
Arnica Sullivan ..... Science  
Gregory Frank ..... Social Studies  
Nicholas Canova ..... Visual Arts  
Karen Stoj ..... World Languages, English Learners

## **School Counseling Department**

(860) 648-5003

### **Counselors**

Michael Bombara, Ph.D.  
Dina Keleher  
Daniel Peters  
Frank Leon

Michele Brown-Quinn  
Robert LaRochelle, D. Min.  
Julie Wlodarczyk  
Ben Wry

***Dream, Achieve, Inspire***

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# GENERAL INFORMATION

## ***Selecting Your Courses for Next Year***

Selecting appropriate courses is one of the most important educational decisions that students face each year. Please take the time to create a schedule that best fits your needs and abilities. **Students will only be allowed to change schedules for the 2019-2020 school year prior to the last day of school in June 2019. This includes all semester and full year classes.** SWHS does not have an add/drop window in which students can freely change or switch their classes. Any modification in schedule will be made through an administrative process, and any resulting change in enrollment will only occur at the end of a Report Card Marking Period. When a change in schedule occurs, grades earned during initial enrollment will stay on the student's academic record and will be transferred to any new course added (as applicable in level change situations). A student who drops a course without administrative approval will receive a "W" on their permanent record, and a "W" in all regularly scheduled Marking Periods of that course. This "W" is equivalent to an "F" when used in determining GPA. This policy does not apply to approved course level changes, but not all SWHS courses have a "lower" level for struggling students to move to. If you have any questions about the scheduling process do not hesitate to see your School Counselor or arrange an appointment for you and your parents to meet with your counselor.

## ***Academic Levels***

Core curricular courses at South Windsor High School are divided into academic levels based upon difficulty of curricular content, academic requirements, sophistication of analysis required, and other related educational demands. The Advanced Placement/ECE and Honors courses are the most challenging while College Prep courses provide rigorous course work necessary for post-secondary success. Curricular electives and other courses in non-core areas are all College Prep unless otherwise noted.

## ***Advanced Placement Program***

The Advanced Placement Program (AP) offers the potential college credit for courses taken in high school. AP courses are college level courses with requirements that extend beyond the school year, including reading, writing assignments, and project work. Students electing to take more than one AP course should consult carefully with their parents, teachers, and School Counselors before signing up for these courses. Typically, the amount of time and energy needed to succeed in AP level classes is greater than students initially plan for. Details on specific courses, exam information and AP requirements are available on the College Board website at: [apstudent.collegeboard.org](http://apstudent.collegeboard.org). College credit may be granted by an individual college based upon the score obtained by the student on the AP exam. The cost per AP test for the 2018-2019 school year were \$94, and this year's fees will be determined at a later date. **All students who enroll in an AP course are required to take the AP exam in order to have AP level reflected on their transcript and to receive AP credit.**

## ***Appeal of Level or Course Recommendation***

If following the recommendation period, a student or parent disagrees with the recommendation made by a teacher, the student should:

1. Contact their School Counselor.
2. The School Counselor will initiate the appeal process by providing a Change of Placement Request Form.

3. The Change of Placement Form initiates further discussion between student/parent/guardian and the teacher/Curriculum Specialist.
4. If the issue is not resolved with the Curriculum Specialist, the Principal will provide written documentation to the family regarding the policies in place. If the issue is not resolved with the Curriculum Specialist, the parent may contact the Principal.

## **Course Weighting**

Courses at South Windsor High are offered at different levels. Each of these levels is assigned a weighted Course Value:

<u>Level</u>	<u>Course Value</u>
Advanced Placement/ECE	4.67
Honors	4.33
College Preparatory	4.00

**Grade Points.** Each grade is also assigned a value:

	<b>A</b>	<b>A-</b>	<b>B+</b>	<b>B</b>	<b>B-</b>	<b>C+</b>	<b>C</b>	<b>C-</b>	<b>D+</b>	<b>D</b>	<b>D-</b>	<b>F</b>
CP	4.00	3.67	3.33	3.00	2.67	2.33	2.00	1.67	1.33	1.00	0.67	0.00
Honors	4.33	4.00	3.67	3.33	3.00	2.67	2.33	2.00	1.67	1.33	1.00	0.00
AP/ECE	4.67	4.33	4.00	3.67	3.33	3.00	2.67	2.33	2.00	1.67	1.33	0.00

**GPA** With the exception of Independent Studies, Pre-Approved Online courses, and other classes which are graded as P or F, all graded courses taken at SWHS are used in computing GPA. Courses taken outside of SWHS are transferred into SWHS with a P or F, with no GPA associated with them.

**Class Rank** SWHS no longer ranks students. In the spring of Senior year, SWHS will identify the top ten students in the class and recognize the Valedictorian and Salutatorian. All grades up to and including Q3 grades of Senior year will be used in the calculation.

**Course Load** Freshman and Sophomore students are expected to schedule a minimum of 7 credits each year. Junior students are expected to schedule a minimum of 6.5 credits. Senior students are expected to schedule a minimum of 6 credits, excluding Capstone. Any student carrying less than 6 scheduled credits will be considered “part time” and will be excluded from participation in clubs, sports, and other school based activities. In addition, these students must complete a form indicating their understanding of this policy and its associated implications. Part time students might also face other stipulations outside of SWHS of which the school will not be held responsible for. On-line courses do not count towards this credit total unless prior approval from the Principal is granted. For any student to be eligible for Honor Roll distinction, a student must carry 6 graded (non-pass/fail) courses during a Marking Period. Honor Roll students must earn a quarterly gpa of at least 3.0, with no grade below C-; High Honor Roll students must earn a quarterly GPA of at least 3.7, with no grade below B-.

**NCAA** Courses marked NCAA meet NCAA’s core subject area requirements for Division I and II.

**Teacher Assistants** Students who have ample time in their schedules may dedicate time to help a teacher as a Teacher Assistant (TA). Students must be in good academic standing, have good attendance, and submit a completed form from School Counseling with all required signatures. TA’s are ungraded, voluntary commitments and do not count towards full time student status. Interested students should see their School Counselor for more details.

## ***College Partnership Programs***

Juniors and Seniors are eligible to participate in programs at local colleges. This opportunity allows students to take a college course while still in high school. They can apply to receive both college credit and high school credit (including towards graduation) upon successful completion of the course. Students are eligible to receive .5 credit for each college semester course so long as the course is approved through the SWHS course pre-approval process. Students interested should see their School Counselor the preceding semester to receive the pre-approval application, as deadlines for these programs are very early. Current articulation agreements exist with Manchester Community College, the University of Hartford, and Goodwin College.

### ***The University of Connecticut Early College Experience (ECE) Program***

The UConn Early College Experience (ECE) provides academically motivated students the opportunity to take university courses while still in high school. These challenging courses allow students to preview college work, build confidence in their readiness for college, and earn college credits that provide both an academic and a financial head-start on a college degree. ECE instructors, who are certified as adjunct professors by UConn faculty, create a classroom environment fostering independent learning, creativity and critical thinking – all pivotal for success in college. To support rigorous learning, University of Connecticut library resources are also available to students.

To be eligible, SWHS students must register and enroll in accordance with UConn’s ECE processes and deadlines. To gain ECE credit, students must successfully complete the course with a grade of C or better. University credits are typically transferable to other universities, but students are responsible for sending their UConn transcript to their prospective college of attendance in order for them to assess the transfer of credit details.

This program has a charge per credit payable to the University of Connecticut. The cost per credit for the 2018-2019 school year was \$35 plus a processing fee. For additional information visit: [www.ece.uconn.edu](http://www.ece.uconn.edu).

#### **SWHS Course**

Marine Science  
Environmental Science  
AP Physics 1  
Latin IV  
Modern Western Traditions  
AP Economics  
Classical Mythology  
Seminar in Writing through Literature

#### **UConn ECE Course**

MARN1003 – 4 credits  
NRE1000 – 3 credits  
PHYS1201Q – 4 credits  
CAMS3102 – 3 credits  
HIST1400 – 3 credits  
ECON1201 and ECON1202- 3 credits each  
CAMS1103 – 3 credits  
ENGL1011 – 4 credits

### ***Manchester Community College-College Career Pathways (MCC CCP)***

College Career Pathways is a combined secondary and post-secondary education program designed to prepare students for tomorrow’s highly competitive careers. College Career Pathways programs provide a foundation of applied academics and career skills needed for current and emerging careers. Students enrolled in College Career Pathways courses will earn college credit at MCC for courses completed at SWHS so long as they follow the MCC registration procedures distributed to them at the beginning of the course. Per MCC mandates in accordance with State of Connecticut legislation, only students in grades 10-12 are eligible for MCC CCP credit.



**SWHS Course**

Broadcast News Production  
 Physics (CP or Honors)  
 Algebra II w/ Trig. (CP or Honors)  
 Video Production

**MCC Course**

COM141-3 credits  
 PHY110-4 credits  
 MAT138-3 credits  
 COM166-3 credits

**SWHS Course**

Leadership in Child Care  
 Senior English (Honors)  
 Web Design  
 Personal Finance

**MCC Course**

ECE101-3 credits  
 ENG101-3 credits  
 CST150-3 credits  
 BFL111-3 credits

## ***Project Lead the Way Pre-Engineering Pathway at the University of New Haven***

South Windsor High School has partnered with the University of New Haven and Project Lead the Way, a nationally recognized curriculum, to offer a pre-engineering pathway, which engages students in hands-on projects and real-world challenges. Students must complete each course with a B or better and score at least 6 out of 9 on a final exam in order to qualify for university credit. There is a charge per credit. The cost per credit for the 2018-2019 school year was \$200.

**SWHS Course**

Introduction to Engineering Design  
 \*Principles of Engineering Design  
 \*Engineering Design and Development

**UNH Credits**

2  
 3  
 2

\*These courses are weighted as honors courses.

# GRADUATION REQUIREMENTS

Graduation from the South Windsor Public Schools implies that all students have:

1. Fulfilled the mandated number and distribution of credits.
2. Satisfactorily passed any examinations and district's performance standards, established by the state, faculty and approved by the Board of Education.

# CREDITS

Only courses taken in grades nine through twelve, inclusive, shall satisfy this graduation requirement except that a student may be granted credit for the successful completion of coursework at an institution accredited by the Department of Higher Education or a regional accrediting agency. Per state statute, one three-credit college semester course, or its equivalent, shall equal one-half high school credit.

## Graduation Requirements

### STUDENTS GRADUATING IN 2020-2022

The following courses/credits must be included in the **25-credit** minimum graduation requirements:

Subject	# Credits	
English/Language Arts	4	
Mathematics	4	<i>Must include Algebra I, Geometry, and Algebra II or Statistics</i>
Science	3	<i>Must include 1 credit in Life Science and 1 credit in Physical Science</i>
Social Studies	3	<i>Must include 1 credit in U.S. History and .5 credit in Civics &amp; American Government</i>
World Language	2	
Physical Education	1	
Health	.5	
Humanities Elective	1	<i>All English, Social Studies and Fine Arts courses qualify</i>
STEM Elective	1	<i>All Science, Technology, and Math courses qualify</i>
Career/Life Skills	2	<i>2 credits of any of the following: All Career &amp; Technical Education courses, All Physical Education &amp; Health courses, along with Yearbook, American Sign Language, ELL, ESOL, Community Service, Public Speaking, Rhetoric, Debate, Technical Writing, Financial Math I &amp; II, Adv. Math Dec Making, AP Mobile CSP, Mobile CSP, Allied Health, Forensics, AP Psychology, Psychology, AP Economics, Economics, Sociology, Journalism, Theater Management I &amp; II, Electronic Music Composition, Photography, Video Communication and Graphic Communications.</i>
Fine Arts	1	<i>All Art and Music courses qualify</i>
Capstone	1	
Electives	1.5	<i>Student choice; any additional courses qualify</i>
Total Minimum Credits for Graduation	25	

## Graduation Requirements

### STUDENTS GRADUATING IN 2023 AND BEYOND

The following courses/credits must be included in the **25-credit** minimum graduation requirements:

Subject	# Credits	
Humanities	9	<i>Must include 3 credits in English/Language Arts, 3 credits in Social Studies (including 1 credit in U.S. History and .5 credit in Civics &amp; American Government), and 1 credit in Fine Arts</i>
STEM	9	<i>Must include 3 credits in Mathematics and 3 credits in Science. All Career &amp; Technical Education courses qualify</i>
World Language	2	
Physical Education & Wellness	1	

Health & Safety	1	
Capstone	1	
Electives	2	
<b>Total</b>	<b>25</b>	

**Promotion/Class Placement** Promotion and class placement are based on the number of credits earned in high school. Credits are accumulated when all course academic requirements are successfully completed. Minimum requirements for official class standing and promotion are:

	<b>From Grade 9 to 10</b>	<b>From Grade 10 to 11</b>	<b>From Grade 11 to 12</b>	<b>Graduation</b>
Class of 2020+	6	12	18	25

## DISTRICT PERFORMANCE STANDARDS

It is anticipated that in the future the “District Performance Standards” section of this guideline will specify the degree to which the new SAT assessment will factor in toward graduation requirements as well as the options for Seniors if requirements are not met. In accordance with Board of Education Policy 6146, District Performance Standards for the class of 2018 and beyond have not yet been defined.

## ADMINISTRATION OF PERFORMANCE STANDARD ASSESSMENTS

### Transfer Students

- A student who transfers into South Windsor High School from another Connecticut public high school in his/her Junior or Senior year and has met the standards from the sending district will satisfy the South Windsor district performance standards. A student who has not met the standards of the sending district will be required to meet the South Windsor district performance standards.
- A student who transfers into South Windsor High School after completing at least three years in a private high school or an out-of-state high school will have his/her student records and transcripts reviewed by the appropriate curriculum specialist or curriculum program coordinator. As a result of the review, a determination will be made as to whether or not the student will be exempt from the district’s performance standards. A nonexempt student will be required to meet the South Windsor district performance standards. Parents and students will be informed by the school counseling office as to what requirements still have to be met in order to graduate from South Windsor High School.

### Special Needs

South Windsor High School’s graduation requirements apply to all students, including special education students. The planning and placement team (PPT) will consider appropriate accommodations to demonstrate proficiency toward the district performance standards. Decisions of the PPT regarding accommodations must be outlined within a student’s Individualized Education Plan (IEP). Accommodations and modifications of course requirements should fit a student’s strengths and weaknesses, not the disability category, and be in effect within the IEP for class work.

### **Notification to Teachers**

At the beginning of a student's Junior year appropriate staff will be provided with a list of the names of students who require further performance assessments.

### **Notification to Parents/Guardians**

- A letter detailing the academic and performance requirements will be mailed to all incoming freshmen, transfer students and their parents/guardians.
- Achievement of proficiency standards will be mailed to parents/guardians.
- Prior to a student's Senior year, a written communication will be sent to parents/guardians outlining credits achieved and requirements still needed for graduation.
- At the end of the first semester of a student's Senior year, a certified letter will be sent to parents/guardians of Seniors who are in danger of not meeting all graduation requirements.

### **Award of High School Diplomas**

Students who complete all graduation requirements shall receive a diploma. For the full text of the Board of Education policy pertaining to graduation requirements, please refer to our district website: [www.southwindsorschools.org](http://www.southwindsorschools.org).

## **COUNSELING SERVICES**

The goal of the School Counseling Program is to facilitate learning so that all students extract the greatest gains from the South Windsor High School Program of Studies and transfer those gains to their post-secondary endeavors.

The specific services offered by the School Counseling Department – course programming, testing, individual, college and vocational counseling, and the identification and resolution of social problems – are all part of an integrated developmental counseling program which is proactive in nature. With our society undergoing a drastic transformation that has been both stimulated and magnified by the ever-increasing pace of technological advances, we are faced with issues whose solutions will require flexible and adaptive problem solving skills. We aim not only to help our students develop the capacity to adapt to change, but to be prepared to plan, order and direct that change.

The developmental counseling program is comprehensive in nature and includes sequential activities which are developmentally appropriate for each grade level. These activities are organized and implemented by certified School Counselors in collaboration with teachers, administrators, students, parents and other community resources and are directed at facilitating students' academic, career and personal/social development. The program, designed to systematically assist all students in our school, focuses upon helping students acquire the knowledge and competencies needed to develop problem solving skills, interpersonal effectiveness, decision making, goal setting and planning skills. We seek to have our students, with the right skills and the appropriate motivation, ready to make the successful transitions essential to the competitive workplace.

School Counselors serve the school in many ways. These services include:

- Academic planning
- Individual counseling of social/emotional issues
- Post-secondary planning

- Monitoring student academic achievement and progress
- Referral services for students and families to both school and community based programs

## Career Center

The main function of the Career Center is to give individuals (students, teachers, parents, and members of the community) who wish to explore post-secondary options, a central information center. The Career Center has information on careers, military options, two and four-year colleges, vocational/technical programs, and scholarships along with information on other financial aid options. Many college admissions representatives and military recruiters visit our Career Center and meet with SWHS students in small group settings. The Career Center also has computer software, catalogs, books, and other materials that can be signed out and used at home. Many of these opportunities are promoted via the SWHS Morning Announcements or through our Naviance database.

## Naviance

The focal point of the Career Center is the Naviance Program. Naviance is a web based computer program for delivering post-secondary planning resources to students, parents, and teachers. It is a vital component to Student Success Planning in grades 9 –12. All students have the opportunity to utilize their own Naviance accounts which will serve as an electronic “storehouse” for all of their post-secondary planning materials (including resumes). All teachers have Naviance accounts which enable them to send/store college letters of recommendation and evaluations electronically in order to be sent through the School Counseling office to colleges. Many college application materials will be submitted via Naviance electronically. In addition, Naviance has a variety of inventories in which students can take which help identify strengths and aptitudes that relate to career and post-secondary planning.

Parents are also encouraged to open Naviance accounts so they can view their child’s activities/information, as well as use the many career, college and scholarship search engines and tools that Naviance offers. The ultimate goal of Naviance is to provide more efficient, transparent, and accessible School Counseling services to all students and their families. Parents should contact the Career Center with any questions regarding their Naviance account.

## On-Line Registration Instructions for Course Selection

Students will go on-line through the SWHS PowerSchool portal to register for their courses for the next school year. The instructions will be posted on the South Windsor High School website at [www.southwindsorschools.org](http://www.southwindsorschools.org). The scheduling process typically begins in February of each year, with student receiving their preliminary future schedule in May. **Students will not be allowed to change schedules for the 2019-2020 school year after the last day of school in June 2019. This includes all semester and full year classes.** Any student or family with questions or concerns regarding either scheduling process or a student schedule should make contact with the appropriate School Counselor.

## Nationwide Examinations

The most current information is summarized below concerning the four major tests used for college admissions and scholarships. Since changes occur frequently, students should check with their counselors concerning specific tests. Current information can also be found at [www.collegeboard.com](http://www.collegeboard.com).

- The Preliminary Scholastic Aptitude Test/National Merit Scholarship qualifying test is given to both Sophomores and Juniors on a Wednesday during the month of October. This test is used to familiarize students with the CollegeBoard’s tests. It is also the basis of awarding National Merit Scholarship funds

for Juniors. However, the most important function of the PSAT is to determine a student's academic strengths and weaknesses. Students can then use this information to identify skills that need improvement.

- College Entrance Exams - one of the requirements at most four year colleges and at many two year colleges is the SAT. This test is given at selected secondary schools on specified dates. The School Day SAT is a 4 hour test, given to each Junior in either March or April, and free of charge. Other opportunities to take the SAT exist, with more specific information and deadlines available on the CollegeBoard website, SWHS Naviance, or in the School Counseling office. Saturday SAT examinations are at the cost of the family involved. In addition to the SAT, a number of colleges also require one or more *achievement* tests (SAT II - Subject Tests) for admission. These are one-hour examinations in specific subject areas and are also offered on specific dates. SOUTH WINDSOR HIGH SCHOOL TEST CENTER CODE IS 070700.
- A number of colleges prefer the American College Testing program (ACT). These tests are given five times a year on specified dates in October, December, February, April and June. More information can be found by visiting [www.act.org](http://www.act.org).
- The ASVAB Test (Armed Services Vocational Aptitude Battery Test) will be administered at South Windsor High School during November for interested students. This test does not require student obligation to any military organization.

## Grade Reporting

South Windsor High School strongly encourages parents to be as active in their child's education as possible. Parents are encouraged to review their child's homework and ask questions about how school is going. Report cards are emailed to the primary contact listed in PowerSchool approximately one week following the end of each quarter. Parents and students should use this information carefully as a springboard for discussions about future goals and aspirations.

## Contact Information

If a parent has any questions about a class, the best source to call to answer questions is the teacher of that specific class. A teacher may be contacted by telephone at 860-648-5000 or by email. Email addresses are posted on our web site: [www.southwindsorschools.org](http://www.southwindsorschools.org). Please feel free to call the School Counseling department at 860-648-5003 if you need assistance in communicating with a teacher. When issues arise within your family that you feel may influence your student's performance at school, please let your School Counselor know. School Counselors will be discreet and confidential in our dealings with all of your child's teachers, especially as they pertain to family issues. If you think your School Counselor can be of help, please do not hesitate to call. If the School Counselor is not able to provide direct assistance, then you will be directed to someone who can.

## Summer School-Credit Recovery

South Windsor High School students have a number of options for summer school-credit recovery, including summer school programs held in local surrounding communities. The purpose of these summer school programs is to meet the needs of students who are interested in (1) special study in subject fields of particular interest for enrichment purposes, (2) earning academic credit in secondary subjects which were failed with at least a 50 average during the year and

are necessary for graduation, and (3) remedying deficiencies in subject areas. Details regarding summer school and its costs are available from the Counseling Office in late May or early June.

## **Virtual High School (VHS)**

South Windsor High School is a participant in the Virtual High School program. Each semester a limited number of students may enroll in a VHS course at no cost to the student. These courses are generally “anytime, anywhere” courses that do not have to be scheduled into the school day. Typically, VHS courses are entered on the transcript as Pass/Fail courses that do not satisfy graduation requirements and they are not included in the GPA or Honor Roll calculation. Under certain circumstances, with permission from the Principal, VHS courses may be taken to satisfy graduation requirements. Students must follow SWHS On-line course guidelines and complete a “Pre- Approval for High School Credit for Course Work Outside of SWHS” form which is signed off by the parent, counselor, curriculum leader, and administrator. Once evidence of completion is obtained, the credit and grade (P/F) is entered on the student’s transcript.







Soundtrack, Garageband, DVD StudioPro and other applicable software. The students that are enrolled in this course will produce the daily news show for SWHS school announcements.

*Students completing this course may earn 3 college credits in the College Career Pathways program at Manchester Community College.*

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## **VIDEO PRODUCTION**

**CRS #0960**

1 Credit                                      Full Year                                      9, 10, 11, 12

**Prerequisite:** Video Communications or permission of instructor.

Video Production will expand upon the filmmaking and editing process with the production of dynamic 2D and 3D computer graphics, special effects, animations, and short films. Each student will design and produce a professional showreel/portfolio suitable for presentation to colleges and potential employers in the communications industry. Industry practices and software will be used in the fulfillment of the course requirements. Students have the opportunity in this class to obtain internationally recognized Apple Certification for Final Cut Pro.

*Students completing this course may earn 3 college credits in the College Career Pathways program at Manchester Community College.*

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## **AP COMPUTER SCIENCE A**

**CRS #0972**

1 Credit                                      Full Year                                      10, 11, 12

AP Computer Science is a college level course for highly motivated students with strong mathematical reasoning and problem-solving skills. No prior coding experience is necessary. Students will learn object-oriented programming in the Java language with an emphasis on class design, data structures, algorithm analysis, inheritance, and the software design life cycle. All students who enroll in an AP course are expected to take the AP exam in order to have AP status reflected on their transcript and to receive AP credit.

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## **VIDEO GAME DESIGN AND COMPUTER PROGRAMMING**

**CRS # 0913**

½ Credit                                      One Semester                                      9, 10, 11, 12

A half-year course in video game design and computer programming in which students use the Python coding language to create 2D and 3D games and mobile apps. Students will be introduced to the concepts of interface design and layout, touch-screen controls, variables, animation, persistence, programming logic, and data management. This course provides a good introduction to some of the concepts covered in the AP Computer Science course or the AP Mobile Computer Science Principles course.

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## **WEB DESIGN**

**CRS #0946**

½ Credit                                      One Semester                                      9, 10, 11, 12

Students will learn how to design and produce websites using HTML/CSS coding and Dreamweaver. The class focuses on web page planning, basic design, color, navigation, interactivity, layout, web page production, and the setup of a website. HTML, Cascading Style Sheets, Dreamweaver, Photoshop, and various other web page and image creation tools will be taught in the course. Students will learn how to mock up a site using Photoshop and create the final pages from this. They will also develop a portfolio of websites during the semester.



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**CONSTRUCTION TECHNOLOGY II****CRS #0927**

½ Credit                                      One Semester                                      10, 11, 12

**Prerequisite:** Construction Technology I

A one-semester-course where students expand their knowledge of conventional house construction and related trades. Students will use architectural design software to modify a set of house plans for construction. Students will learn how to design structures using three-dimensional design software and then participate in the construction of the structures they designed. Theory, design and practical experience are the emphasis of this course. Students will gain hands on experience with plumbing and electrical systems. Any student considering a career in architecture or construction should take this course.

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**AVIATION AND AEROSPACE ENGINEERING****CRS #0959**

½ Credit                                      One Semester                                      9, 10, 11, 12

A one-semester course designed to stimulate the interest in space and aviation. The areas of study include a history of flight, the basic principles of flight and aerodynamics, rocketry, and modern aviation. There is a design component in the course where students will design flying machines using three-dimensional software and build, test and refine their designs. Vocational opportunities in this field are also discussed.

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**INTRODUCTION TO ENGINEERING DESIGN****CRS #0947**

1 Credit                                      Full Year                                      9, 10, 11, 12

This full-year, introductory course is a component of the “Project Lead the Way” Pre-Engineering program. The course teaches problem-solving skills using a design development process. Students create individual solutions to a variety of mechanical and product design problems. Models of product solutions are created, analyzed and communicated by using solid modeling computer design software. Color renderings and animations are created by the students to better illustrate their ideas. Any student considering a career in engineering or manufacturing should consider taking this course.

Students who successfully complete this course may apply for 2 credits from the University of New Haven.

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**PRINCIPLES OF ENGINEERING****HONORS CRS #0953**

1 Credit                                      Full Year                                      10, 11, 12

**Prerequisite:** Introduction to Engineering Design

This full-year course is the intermediate component of the “Project Lead the Way” Pre-Engineering program. This course helps students understand the field of engineering and engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem-solving process to benefit people. The course also includes concerns about social and political consequences of technological change.

Students who successfully complete this course may apply for 3 credits from the University of New Haven.

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**ENGINEERING DESIGN AND DEVELOPMENT****HONORS CRS #0970**

1 Credit                                      Full Year                                      11, 12

**Prerequisite:** Principles of Engineering







# LITERACY/ENGLISH LANGUAGE ARTS

English courses for each grade provide similar challenges for students to be reflective, critical, and inventive thinkers through reading and writing experiences. The academic ability levels vary in regard to sophistication of texts, structure of assignments, and independent work expected.

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## FIRST YEAR ENGLISH

CRS #0114

1 Credit                                      Full Year                                      9                                      NCAA

This course explores the subtleties and layers of the question "Who am I?" Several texts are analyzed, including novels, short stories, and poems. Students will be encouraged to question, interpret, and make judgments about texts with increasing independence. They will also use writing as both a way to learn and as a means of expression. Emphasis will be on developing response statements and then transforming response statements into essays. With both literature and writing, students will become familiar with collaboration as a strategy for learning.

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## FIRST YEAR HONORS ENGLISH

HONORS CRS #0116

1 Credit                                      Full Year                                      9                                      NCAA

This course introduces students to reading and writing strategies, which are necessary for developing interpretive skills. Students learn to understand and appreciate major literary genres (novel, short story, essay, drama and poetry) by reading various samples of each and by creating works of their own in various genres. They also will utilize their response statements about literature as foundations for interpretive and exploratory essays. A high degree of independence will be expected.

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## THE MODERN WORLD: AN INTERDISCIPLINARY SEMINAR

HONORS CRS #0186/#0416

2 Credits                                      Full year                                      9                                      NCAA                                      (1 Credit English, 1 Credit Social Studies)

This integrated Social Studies and English course will use brain-based research instructional strategies empowering students to access content and apply twenty-first century critical thinking, problem solving, research, collaborative and technological skills to their learning. Projects will be designed by students and presentations will be required. This course is offered by teacher recommendation only.

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## HUMANITIES

CRS #0103/#0104

2 Credits                                      Full Year                                      9                                      (1 Credit English, 1 Credit Social Studies)

This course offers students the opportunity to receive strategic instruction in literacy skills according to their individual needs. It is focused on the reading, writing and responding to fiction and non-fiction texts required by the Common Core State Standards for English Language Arts. Students will spend approximately half of their time working with a variety of texts which support the Modern World History curriculum and the other half working on skills and concepts within the ninth grade language arts curriculum. This course is offered by teacher recommendation only.

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**AMERICAN LITERATURE****CRS #0123**  
**HONORS CRS #0124**

1 Credit                                      Full Year                                      10                                      NCAA

Students studying American literature are given the opportunity to discover, broaden, and evaluate perspectives on American ideas, culture, history, and language. This course will emphasize: increasing students' knowledge of interpretive strategies and developing more proficient, artful, self-directed use of these strategies; increasing students' fluency with language and greater independence in their written work; providing students opportunities to think in various ways and to write in various forms with emphasis on narrative, expository and argumentative writing; encouraging students to have a democratic mind; fostering students' understanding of the interconnectedness of reading, writing and collaborating; and on building students' self-esteem through the accomplishment of both scaffolded and independent intellectual endeavors. (For honors level, a high degree of independence and scholarship will be expected.)

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**AMERICAN STUDIES****CRS #0184/#0414**

2 Credits                                      Full Year                                      10                                      NCAA                                      (1 Credit English, 1 Credit Social Studies)

This course offers designated students the opportunity to be instructed strategically in literacy skills according to their individual needs. It is focused on the reading, writing and responding to fiction and non-fiction texts required by the Common Core State Standards for English Language Arts. Students will spend approximately half of their time working with a variety of texts which support the U.S. History curriculum and the other half working on skills and concepts within the tenth grade language arts curriculum. This course is offered by teacher recommendation only.

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**THEMES IN WORLD LITERATURE****CRS #0135**  
**HONORS CRS #0133**

1 Credit                                      Full Year                                      11                                      NCAA

Students studying World Literature will encounter challenging texts and ideas from around the world, which represent Western and non-Western thought. Through their work with fictional and non-fictional texts, students analyze ideas which are particular to individual cultures and questions common to all cultures. This course requires students to consider and construct themes in order to explore multiple perspectives of an issue and to think in increasingly open and sophisticated ways as they develop their own interpretations and philosophical positions. Students will improve their proficiency with language by strengthening and augmenting their reading and writing strategies. Additionally, an emphasis on responsible scholarship and research leads to independent class presentations and formally documented written work. (The Honors level course requires a high degree of scholarship and independence.)

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**AP LANGUAGE AND COMPOSITION****CRS #0145**

1 Credit                                      Full Year                                      11                                      NCAA

An AP course in English Language and Composition 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. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. Summer reading and writing are required. At the end of the course, students will take the Advanced Placement Test. Successful work at the honors level in previous years recommended. All students who enroll in an AP course are expected to take the AP exam in order to have AP status reflected on their transcript and to receive AP credit. Although this states for grade 11, grade 12 students are also welcome to take this course if space is available. **All students who enroll in an AP course are expected to take the AP exam in order to have AP status reflected on their transcript and to receive AP credit.**

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**SENIOR HONORS ENGLISH****HONORS CRS #0185**

1 Credit                                      Full Year                                      12                                      NCAA

This course examines the power of story within our personal lives and within cultural contexts and also explores how we read our world. Students are required to be involved learners and critical thinkers who welcome the opportunity to expand their literary base by engaging with provocative, sophisticated literary texts in intellectually challenging ways as readers, writers, and collaborators. Students who enroll in this course must be highly motivated and must be seeking an in-depth, scholarly experience. Students will write a senior honors thesis. (*Students completing this course may earn 3 college credits in the College Career Pathways program at Manchester Community College.*)

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**SEMINAR IN WRITING THROUGH LITERATURE (ECE)****CRS #0144**

1 Credit                                      Full Year                                      12                                      NCAA

The Seminar in Writing through Literature course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. Course credits from the ECE/UCONN program are available to qualified students. Successful work at the honors level in previous years recommended.

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**RHETORIC, LANGUAGE, AND CULTURE****CRS #0156**

½ Credit                                      First Semester                                      11, 12                                      NCAA

The major goal of this course is to help students use the English language with clarity and precision and to broaden their stylistic fluency as writers. Through writing, speaking, and reading experiences, students will practice using language in its various functions, develop an appreciation for the power of language, improve language skills for critical thinking, increase their facility with standard English, and become aware of language as a product and shaper of culture. Conducting research and expressing that research in written form is an integral element of the course. Writing assignments emphasize the skills and strategies which serve as preparation for college composition courses.

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**CONTEMPORARY POETRY****CRS #0152**

½ Credit                                      First Semester                                      11, 12                                      NCAA

This course explores the role of poetry in our modern multicultural global society. Students will analyze lyrics to popular music, performance poetry, such as slam poetry, in addition to examining the works of revolutionary twentieth and twenty-first century poets from around the world. Students will also have the opportunity to develop their own original poetry. The course culminates with the development of a poetry portfolio which includes both original poetry and contemporary poems that have influenced students' everyday lives.

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**CREATIVE WRITING****CRS #0168**

½ Credit                                      Second Semester                                      11, 12                                      NCAA

This course is designed as a seminar which emphasizes writing and reading activities in the major genres of poetry, script writing and short fiction. Students will explore the writer's craft by reading a variety of texts and by composing original works of poetry, drama and short fiction. A major course requirement is a writing portfolio. (Senior students must have taken one first semester English class to enroll.)







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**ALGEBRA I (H)****CRS #0237**

1 Credit                                      Full Year                                      9                                      NCAA

**Prerequisite:** Grade 8 Algebra I (C+ or better); Pre-Algebra (A or better)

This course is designed for students who have demonstrated a strong ability in previous mathematics courses and who wish to pursue upper-level mathematics courses throughout their academic career. In addition to the topics covered in the regular Algebra 1 course, the honors section studies mathematical modeling and calculator applications.

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**GEOMETRY ESSENTIALS****CRS #0213**

1 Credit                                      Full Year                                      10, 11

**Prerequisite:** Algebra I (pass Algebra 1 and/or approval by the K-12 Mathematics Curriculum Specialist)

This course offers a hands-on discovery approach to Euclidian geometry, stressing geometric properties through investigations. There is an emphasis on practical applications as well as the fundamental skills of non-coordinate, coordinate, and transformational geometry. This course continues to enforce the application of algebraic skills.

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**GEOMETRY****CRS #0233**

1 Credit                                      Full Year                                      9, 10, 11                                      NCAA

**Prerequisite:** Algebra I (C- or better to be recommended) Grade 8 Algebra 1 (B- or better to be recommended)

This course offers the student an opportunity to learn the fundamental skills of Euclidian geometry through non-coordinate, coordinate, and transformational geometry. It continues and reinforces the application of algebraic skills. The topics explored include parallelism, perpendicularity, similarity and congruence of polygons, characteristics of circles, the surface area and volume of solid figures, and the introduction of right triangle trigonometry. Deductive and inductive reasoning skills are developed and the formation of logical ideas, methods, and proofs are explored.

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**GEOMETRY (H)****CRS #0243**

1 Credit                                      Full Year                                      9, 10                                      NCAA

**Prerequisite:** Grade 8 Algebra 1 or Algebra I Honors (A- or better to be recommended)

In this course, deductive and inductive techniques are used to help students make conjectures, formulate generalizations, and draw conclusions. In addition to the topics covered in the regular Geometry course, the honors section has a strong emphasis placed on deductive proof-based reasoning.

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**INTEGRATED ALGEBRA AND GEOMETRY II****CRS # 0260**

1 Credit                                      Full Year                                      10

**Prerequisite:** Pass Integrated Math I or approval by the K-12 Mathematics Curriculum Specialist

This course is the second in the integrated series. It is designed to provide students with a deeper understanding of algebraic and geometric reasoning. Opportunities are provided to allow students to extend their understanding of linear and quadratic functions. Upon completion of Integrated Algebra and Geometry II, students considering participation in Division I or II NCAA athletics should enroll in Algebra I to begin meeting NCAA Clearinghouse Requirements.

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**ALGEBRA II FOUNDATIONS****CRS #0209**

1 Credit                                      Full Year                                      11, 12

**Prerequisite:** Pass Integrated Math II and/or approval by the K-12 Mathematics Curriculum Specialist

This course is designed to provide students with a deeper understanding of algebraic reasoning. Opportunities are provided to allow students to extend their understanding of quadratic functions and systems of linear equations. There will be an emphasis on the topics included on the Scholastic Aptitude Test (SAT). The purpose of the course is to integrate Algebra II and graphic representation through modeling functions in a modified format to better prepare students for the SAT.

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**ALGEBRA II****CRS #0232**

1 Credit                                      Full Year                                      10, 11, 12                                      NCAA

**Prerequisite:** C- or better in Algebra I plus recommendation of Geometry teacher

This course is designed to provide students with the skill to manipulate systems of linear equations, linear, quadratic and exponential expressions and equations. Students will study them for their abstract properties and use them as tools for modeling real-world situations. Students will use TI 83/84 graphing calculators to solve real-life application problems. Trigonometry is not covered in this course, therefore students should take the one semester Trigonometry course upon completion of Algebra II before taking Pre-Calculus.

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**ALGEBRA II WITH TRIGONOMETRY****CRS #0239**

1 Credit                                      Full Year                                      10, 11, 12                                      NCAA

**Prerequisite:** C+ or better in Algebra I plus recommendation of Geometry teacher

Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, radical functions and trigonometric functions. Students work closely with the expressions that define the functions, and continue to expand their abilities to model situations and to solve equations, including quadratic equations, complex numbers and solving exponential equations using the properties of logarithms. TI 83/84 graphing calculators are used throughout the course. MCC Tech Prep credit available. See page 8 and 9 for guidelines on MCC credit opportunities.

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**ALGEBRA II WITH TRIGONOMETRY (H)****CRS #0240**

1 Credit                                      Full Year                                      9, 10, 11, 12                                      NCAA

**Prerequisite:** A- or better in Grade 8 Algebra, Algebra I or Algebra I Honors plus recommendation of Geometry teacher.

This course contains all of the material of the regular Algebra II with Trigonometry course, plus topics are extended to include applications of highly developed skills and sophisticated understanding of trigonometry. In-depth studies of matrices, trigonometric functions, graphs, and equations are the focus of the course. Mathematical models will be created by students in order to solve problems relating to phenomena in the real world. TI 83/84 graphing calculators are used throughout the course. MCC Tech Prep credit available. See page 8 and 9 for guidelines on MCC credit opportunities.

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**PRE-CALCULUS****CRS #0235**

1 Credit                                      Full Year                                      11, 12                                      NCAA

**Prerequisite:** Algebra II and a semester of Trigonometry (A- or better in both) OR Algebra II w/ Trig (C+ or better)

This course integrates the study of functions, statistics, and trigonometry. The emphasis of study is the development and understanding of mathematical models: exponential, logarithmic, rational, trigonometric, and polynomial. Students will study complex numbers and their operations. This course previews calculus with an introduction to limits and provides the student the background to continue their study of mathematics beyond high school. TI 83/84 graphing calculators are used throughout this course.

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**PRE-CALCULUS (H)****CRS #0238**

1 Credit                                      Full Year                                      11, 12                                      NCAA

**Prerequisite:** Algebra II w/Trig Honors (B- or better) OR Algebra II w/ Trig (A- or better and successful completion of summer contract)

This is an intensive course in the concept of functions: definitions, graphs, inverses, exponential, and logarithmic functions, with the emphasis on trigonometric functions and their application to real-world situations. This course previews calculus with a study of limits, introduction to derivatives, and sets the stage for the later study of college-level mathematics. TI 83/84 graphing calculators are used throughout this course.

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**CALCULUS (H)****CRS #0247**

1 Credit                                      Full Year                                      12                                      NCAA

**Prerequisite:** Pre-Calculus (B- or better to be recommended)

This course is designed to provide a college-level Calculus I experience. Students will continue to build on topics introduced in pre-calculus. Applications of differential calculus covered are related rates, velocity, acceleration, and optimization. Applications of integral calculus covered are area and volume. Labs and projects will be used to enable students to develop and enrich classroom activities. TI 83/84 Graphing calculators are used throughout this course for many purposes including visualizing functions and computing derivatives and integrals.

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**AP CALCULUS****CRS #0246**

1 Credit                                      Full Year                                      12                                      NCAA

**Prerequisite:** Honors Pre-Calculus (B- or better to be recommended)

Differentiation and integration of algebraic and transcendental functions are covered through integration by parts. Students are introduced to differential equations from an intuitive perspective. Concepts are emphasized in this course while skills are developed and ideas are applied to many problems. To help students visualize the concepts of calculus, TI 83/84 graphing calculators are essential to this course. Please refer to pages 6 and 7 for more information about AP courses. Participation in the Advanced Placement exam is an expectation of this course.

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**AP STATISTICS****CRS #0250**

1 Credit                                      Full Year                                      11, 12                                      NCAA

**Prerequisite:** Honors Pre-Calculus (C+ or better) OR Pre-Calculus (B or better) OR Algebra II w/ Trig Honors (B+ or better)





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**DISCRETE MATH****CRS #0264**

½ Credit                                      One Semester                                      11, 12                                      NCAA

**Prerequisite:** Algebra II OR Algebra II w/ Trig

This course is designed to enhance students' reasoning skills to solve problems using a variety of non-algebraic mathematical tools, including algorithms, graphs, recursion, and counting methods. Topics explored include methods of voting, graph theory, number theory, fractals, combinatorics and finite probability.

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**COLLEGE MATH PREPARATORY I****CRS #0266**

½ Credit                                      One Semester                                      11, 12

**Prerequisite:** Algebra II or Algebra II Foundations (B or better)

This course provides students the opportunity to develop as well as strengthen the skills and understanding that are essential for further mathematical study at the college level. Topics covered include linear and quadratic functions, exponents and radicals, exponential and logarithmic functions, rational algebraic expressions, systems of equations, and graphs with applications. This course is designed to prepare students for success on college math placement exams and in future math courses.

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**COLLEGE MATH PREPARATORY II (\*PENDING BOE APPROVAL\*)****CRS #0269**

½ Credit                                      One Semester                                      11, 12

**Prerequisite:** College Math Preparatory I or recommendation of current math teacher

This course is the second in a sequence to provide students with the opportunity to develop and strengthen essential algebraic skills for further mathematical study at the college level. The course is designed around a deeper exploration of functions. Topics include rational, exponential, logarithmic and quadratic functions, basic trigonometric functions, circles and three-dimensional figures, and graphs with applications. This course is designed to prepare students for success on college math placement exams and future math courses

# MUSIC

Students will perform in at least two concerts throughout the year. **Attendance at all scheduled performances/concerts is required for academic credit.** In addition, some performance ensembles will participate in local or national adjudicated music festivals, regional competitions and/or workshops on an annual or biennial basis. If applicable, students are expected to pay for their own room and board. The school will provide some transportation expenses. Group fundraising opportunities are available. Members of all ensembles will incur expenses like, but not limited to, costumes and travel. Students enrolled in elite ensembles (Choral Spectrum, Wind Ensemble, Treble Choir, or Chamber Symphony Orchestra) may, with permission of the instructor, enroll in honors level courses their junior and/or senior year.

## Vocal Ensembles

### CHORAL SPECTRUM

CRS #0831

HONORS (11<sup>TH</sup> AND 12<sup>TH</sup> GRADE) CRS #0823

1 Credit                                      Full Year                                      9, 10, 11, 12

**Prerequisite:** Participation is by **audition only**. Auditions take place in January.

Choral Spectrum is an auditioned group comprised of approximately 36 singers. Placement in Choral Spectrum will be by audition only. Auditions take place in January. Repertoire will be chosen from various periods of music history with some songs choreographed by a professional choreographer. Three major concerts are usually presented each year, along with other selected performances. Attendance at all scheduled performances is expected for academic credit. Students will compete and/or perform in regional competitions, festivals, and/or workshops. Members of this ensemble will incur expenses like but not limited to costumes and travel. **All students in this class also must enroll in Music First. Go to [www.musicfirst.com](http://www.musicfirst.com) for details.**

### TREBLE CHOIR

CRS #0822

HONORS (11<sup>TH</sup> AND 12<sup>TH</sup> GRADE) CRS #0825

1 Credit                                      Full Year                                      10, 11, 12

**Prerequisite:** Participation is by audition only. Auditions take place in January.

Treble Choir is an auditioned group of approximately 20-30 female singers. Placement in Treble Choir will be by audition that takes place in January. Repertoire will be chosen from all periods of music history. Two to three major concerts are normally presented each year, along with other selected performances. Students may compete and/or perform in regional competitions, festivals, and/or workshops. Attendance at all scheduled performances is expected for academic credit. Members of this ensemble will incur expenses like, but not limited to, costumes and travel. **All students in this class also must enroll in Music First. Go to [www.musicfirst.com](http://www.musicfirst.com) for details.**

### “SOUND FACTORY” CONCERT CHORUS

CRS #0820

1 Credit                                      Full Year                                      9, 10, 11, 12

Sound Factory is open to all students regardless of musical background or experience. Students will expand their knowledge and appreciation of the best examples of all styles and forms of choral literature. Students will learn basic music theory to develop their music reading skills. Vocal production will be emphasized. Two to three major concerts are normally presented each year. Attendance at all scheduled performances is expected for academic credit. Sound Factory participation promotes teamwork and self-esteem and offers instruction to enable students to acquire skills and techniques necessary for effective musical expression. Unison, two, three, and four part music is performed including arrangements of classical, folk, jazz, show and popular songs. Students who are interested in developing a positive attitude and self-confidence and who enjoy working as a member of a team are encouraged to enroll in this course. **All students in this class also must enroll in Music First. Go to [www.musicfirst.com](http://www.musicfirst.com) for details.**

## Instrumental Ensembles

Students will perform in two concerts throughout the year. **Attendance at all scheduled performances is required for academic credit.** In addition, some performance ensembles will participate in local or national adjudicated music festivals, competitions and/or workshops on an annual or biennial basis. If applicable, students are expected to pay for their own room and board. The school will provide some transportation expenses. Fundraising opportunities are

available and encouraged. Students enrolled in elite ensembles (Choral Spectrum, Wind Ensemble, Treble Choir, or Chamber Symphony Orchestra) may, with permission of the instructor, enroll in honors level courses their junior and/or senior year.

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**SYMPHONIC BAND****CRS #0826**

1 Credit                                      Full Year                                      9, 10, 11, 12

This ensemble is geared toward proficient woodwind, brass, and percussion players. Students will concentrate on the basics of high school ensemble skills, aural skills, individual playing techniques, practice strategies, and effective musical expression, while preparing repertoire for the concert season. Attention is focused on the accurate and musical performance of standard band repertoire. Students may be recommended by the director for entrance into the Wind Ensemble based on their progress and the results of their midterm exam (both of which will act as their audition) as well as to balance the needs of the Wind Ensemble.

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**WIND ENSEMBLE****CRS #0841****HONORS (11<sup>TH</sup> AND 12<sup>TH</sup> GRADE) CRS #0827**

1 Credit                                      Full Year                                      9, 10, 11, 12

**Prerequisite:** Enrollment is available by **Audition Only**. Auditions will be held in January

Open to advanced woodwind, brass, and percussion players by audition (or instructor permission) only. Students will concentrate on the development of ensemble skills, aural skills, individual playing techniques, and effective musical expression while preparing advanced repertoire for the concert season. Attention is focused on advanced repertoire, new music and classical transcriptions for wind ensemble and symphonic band.

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**STRING ORCHESTRA****CRS #0817**

1 Credit                                      Full Year                                      9, 10, 11, 12

This ensemble is geared toward proficient violin, viola, cello, and double bass string players. Students will meet as a large ensemble during the regularly scheduled period. Students will concentrate on the basics of high school ensemble skills, aural skills, individual playing techniques, practice strategies, and effective musical expression while preparing repertoire for the concert season. Attention is focused on the accurate and musical performance of standard string repertoire. Students are recommended by the director for entrance into the Chamber Symphony Orchestra based on their progress, midterm exam (both of which will act as their auditions) and to balance the needs of the Chamber Orchestra.

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**CHAMBER SYMPHONY ORCHESTRA****CRS #0842****HONORS (11<sup>TH</sup> AND 12<sup>TH</sup> GRADE) CRS #0838**

1 Credit                                      Full Year                                      9, 10, 11, 12

**Prerequisite:** Enrollment is available by **Audition Only**.

This ensemble is open to advanced string players violin, viola, cello, and double bass by audition (or instructor permission) only. Students will meet as a large ensemble during the regularly scheduled period. Students will concentrate on the development of ensemble skills, aural skills, individual playing techniques, practice strategies and effective musical expression, while preparing advanced repertoire for the concert season.



*who do not own an instrument will be responsible for renting or purchasing one.*

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## WOODWIND CLASS

CRS #0806

½ Credit                                      One Semester                                      9, 10, 11, 12

Open to students 9-12 who wish to have individualized instruction on any Woodwind instrument. Students may have no previous band experience or may currently be registered in an ensemble. Non-beginners must also be registered for Symphonic Band or Wind Ensemble. Advanced students will work on advanced skills in preparation for auditions and solo repertoire. Beginners will work on building basic skills that will allow them to perform at the high school level. ***Students who do not own an instrument will be responsible for renting or purchasing one.***

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## ELECTRONIC MUSIC COMPOSITION

CRS #0807

½ Credit                                      One Semester                                      9, 10, 11, 12

Learn to create your own music using Apple Logic X! No prior musical experience is needed. Students will learn technical skills needed to create any style of music as well as how to organize music into understandable forms. Move step by step through interactive “Learning Maps” guiding you step by step through the compositional process. Finish the semester knowing how to create the music that you like from the “ground up”. This class runs concurrently with Guitar Class and students can expect to learn a little about the guitar and its powerful connection with Logic X. This class can be repeated for credit.

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## MUSIC THROUGH THE AGES

CRS #0803

½ Credit                                      One Semester                                      10, 11, 12

This course will cover the origins of music as it relates to human evolution. It will cover many styles and cultures of music through time as well as some of the key composers and pieces that have left their mark on our human history.

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## MUSIC THEORY

CRS #0811

½ Credit                                      Full Year                                      10, 11, 12

The first level of music theory is to develop theoretical musical skills through analysis, ear training and composition. It is prerequisite for AP Music Theory. Students interested in this course should speak with a member of the music department prior to selecting the course.

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## AP MUSIC THEORY

CRS #0812

1 Credit                                      Full Year                                      11, 12

The second level of music theory is offered by teacher recommendation only. Emphasis is placed on the in depth study of 18th century counterpoint and harmonic practice, advanced ear training and composition. This is a comprehensive, advanced music offering and is the equivalent of a college level music theory course. Students receive AP credit, and take the Advanced Placement exam in the spring. **All students who enroll in an AP course are expected to take the AP exam in order to have AP status reflected on their transcript and to receive AP credit.**











This course is offered for highly motivated students who intend to further their education after high school in the field of science. The concepts and topics correlate to College Prep Biology, however are covered much more in depth and at a quicker pace. In order to perform satisfactorily in this course, students will be required to solve problems using higher level processing skills such as analysis and application of material and have established study skills.

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## AP BIOLOGY

**COURSE CRS #0345**

**LAB CRS #0346**

1.5 Credits

Full Year

10, 11, 12

NCAA

(Grade 10 with recommendation of current science teacher)

AP Biology is a college level science course for highly motivated students interested in the biological sciences. The two main goals for AP Biology are to help students develop a conceptual framework for modern biology and to help students gain an appreciation of science as a process. The following major themes will be studied: molecular and cell biology, heredity, genetics, the diversity of organisms, the structure and function of plants and animals, and population biology. Students taking AP Biology will participate in two double lab periods per week. All students who enroll in an AP course are expected to take the AP exam in order to have AP status reflected on their transcript and to receive AP credit.

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## INTRODUCTION TO ALLIED HEALTH – ALLIED HEALTH I

**CRS #0369**

1 Credit

Full Year

11, 12

**Prerequisite:** Successful completion of Biology

This course is designed as a survey course of the field of Allied Health. This course will focus on a variety of health care professions and the ailments associated with those areas. Patient care practices, ethical and legal issues, educational requirements and employment opportunities will be explored. This course is recommended for students interested in pursuing a medical profession such as nursing, physician, physical therapists or other allied health professions.

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## ANATOMY AND PHYSIOLOGY

**CRS #0303**

1 Credit

Full Year

11, 12

NCAA

**Prerequisite:** Successful completion of Biology and concurrent enrollment or completion of Chemistry is required.

This course emphasizes the structure and function of the human body. The major topics to be studied include anatomical reference terminology, levels of body organization, tissues and selected organ systems from integumentary, skeletal, muscular, nervous, blood, cardiovascular, respiratory, digestive, urinary, endocrine, and reproductive. Students have some input regarding the systems covered. This course is recommended for students interested in medicine, nursing and other health related fields.

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## FRESHWATER ENVIRONMENTS

**CRS #0323**

½ Credit

One Semester

11, 12

NCAA

This course is designed to give students an understanding of the interactions between the aquatic systems of the Earth (groundwater, rivers, lakes, ponds, and associated wetlands) and human activity. Students will explore freshwater systems through direct observation, physical & biological data collection on local streams, and wetland field studies. Students will also participate in and ultimately submit data to the CT DEEP's Project SEARCH to continue our ongoing data collection on the Podunk River.

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**INTRODUCTION TO ZOOLOGY****CRS #0357**

½ Credit                                      One Semester                                      11, 12                                      NCAA

Introduction to Zoology is a one semester, half credit course open to junior and senior students who have taken Biology. It will take students through the basic taxonomy of vertebrate animals, focusing on various anatomical and life cycle differences, as well as outlining basic behavior of selected taxa. An emphasis will be placed on organisms students are likely to encounter in their daily lives, as opposed to exotic species.

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**MARINE SCIENCE (ECE)****CRS #0337**

1 Credit                                      Full Year                                      12                                      NCAA

**Prerequisites:** Successful completion of Biology and Chemistry or permission from the instructor.

Marine Science is designed to provide students with an in-depth study of marine organisms and their environment. Topics include but are not limited to comparative anatomy through dissection, marine chemistry, marine geology, marine circulation and tides, coastal ecology, aquaculture, and marine environmental policy. Students will maintain living organisms in aquaria, keep a detailed logbook of their progress, create experiments, and produce a portfolio of student work. There will be six (6) required dissections during the course. There are multiple field trips to collect data for a multiyear study. Additional optional field trips may be offered. Students who are enrolled in the ECE program and achieve a grade of “C” or higher in the course will receive credit for UCONN MARN 1003: Introduction to Oceanography with lab.

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**ENVIRONMENTAL SCIENCE (ECE)****CRS #0340**

1 Credit                                      Full Year                                      11, 12                                      NCAA

Environmental Science is designed to present a study of the earth’s environment with a focus on sustainability and stewardship of our natural resources. Topics will include: Population & energy resource use; Ecosystems and Global biodiversity, land use and soils; Agriculture, toxicology and risk assessment; Water & Air management; Waste management; Global change; and Environmental philosophy & ethics. Students who are enrolled in the ECE program and achieve a grade of “C” or higher in the course will receive credit for UCONN NRE 1000: Introduction to Environmental Science.

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**Physical and Earth Science Courses**

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**SCIENCE EXPLORATION****CRS #0305**

1 Credit                                      Full Year                                      9

This course offers students the opportunity explore in depth important science skills that are incorporated into the Next Generation Science Standards (NGSS). Emphasis will be placed on identifying patterns within a system, seeing cause and effect correlations and creating models for various systems of study. This year will focus on Earth and its systems by delving into energy systems, natural resources and conceptual applications of Newton’s laws and Kepler’s laws. During the second semester students will partake in a summative project to showcase what they have learned about human impacts on the Earth and how science, technology and engineering can help reduce those impacts. All successful students will earn one credit in Physical/Earth Science.

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**PHYSICAL SCIENCE****CRS #0362**

1 Credit                                      Full Year                                      9                                      NCAA



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**APPLIED STEM****CRS #0367**

1 Credit                                      Full Year                                      9, 10, 11, 12

This course will allow a students to explore a competitive aspect of different fields of science and STEM. It will cover all areas of science due to the student driven nature of the course. Curriculum will change yearly based on student interests in state and national competitions. Some of these competitions could include Science Olympiad, CT Science Fair, The DuPont Challenge Essay or the Intel Science Competition. Students will focus on problem solving, technical design, engineering, collaboration in an academic setting and scientific literacy skills. Students participating in this class may be eligible for the SWHS Science Olympiad team which competes at the state level. *A ½ credit option can be taken on either A or B day, opposite a study hall or AP lab course.*

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**APPLIED STEM****CRS #0366**

½ Credit                                      One Semester                                      9, 10, 11, 12

This course will allow a students to explore a competitive aspect of different fields of science and STEM. It will cover all areas of science due to the student driven nature of the course. Curriculum will change yearly based on student interests in state and national competitions. Some of these competitions could include Science Olympiad, CT Science Fair, The DuPont Challenge Essay or the Intel Science Competition. Students will focus on problem solving, technical design, engineering, collaboration in an academic setting and scientific literacy skills. Students participating in this class may be eligible for the SWHS Science Olympiad team which competes at the state level.

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**FORENSIC SCIENCE****CRS #0335**

½ Credit                                      One Semester                                      11, 12                                      NCAA

This class is designed for students with an interest in forensics. It is a multidisciplinary applied science course, which reinforces central concepts introduced in grades 9 and 10. In this course, study will focus on forensic science concepts: the ability to perform inquiry-based tasks; basic criminal law; crime scene investigation; DNA analysis and blood typing; examining evidence; fingerprinting; science and humanity; and the nature of toxins. The primary emphasis will be to develop understanding of these concepts through hands-on, field inquiry.

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**APPLICATION OF CHEMISTRY****CRS #0356**

1 Credit                                      Full Year                                      11, 12                                      NCAA

**Prerequisite:** Completed or concurrent enrollment in algebra II foundations or recommendation of current science teacher

This class connects chemistry to the student's life and interests. This real world phenomena based course will allow students to explore various aspects of chemistry through six application based units: Alchemy, Smells, Weather, Toxins, Fire, and Showtime. Students will learn about atoms, chemical structure, chemical formulas, chemical equations, energy, light, and many other topics by conducting hands on chemistry experiments, posing questions, and analyzing data to explain the behavior of the world around them. Students will access chemistry primarily through engineering and modeling, while providing a greater level of support for the challenging mathematics associated with chemistry. No previous chemistry background is required.

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**CHEMISTRY****CRS #0311**

1 Credit                                      Full Year                                      11, 12                                      NCAA

**Prerequisite:** Completed or concurrent enrollment in Algebra II or recommendation of current science teacher

This introductory course deals with the basic theoretical and experimental principles of chemistry. Topics of study include the states of matter and their characteristics, atomic structure, bonding, gas laws, writing formulas and chemical equations, chemical calculations (Stoichiometry) and the mole concept, reaction rate and equilibrium, and acid/base theory. Lab activities are an integral part of the course.

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## CHEMISTRY (H)

CRS #0312

1 Credit                                      Full Year                                      11, 12                                      NCAA

**Prerequisite:** Successful completion of Algebra II w/ Trigonometry or recommendation of current science teacher

This course is a detailed study of theoretical and experimental principles of chemistry with an emphasis on the quantitative (mathematical) interpretation of the material covered. In-depth coverage of the following topics makes up the course of study: measurements and calculations, atomic structure, bonding, chemical calculations and the mole concept, kinetic molecular model for the behavior of gases, phases and phase changes of matter, chemical formulas and reactions, chemistry of solutions, chemical kinetics, chemical equilibrium, acid and base theory, and an introduction to oxidation-reduction chemistry. Lab activities involving student participation in the design of the lab procedures emphasize a practical application of the textbook material.

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## AP CHEMISTRY

COURSE CRS #0347

LAB CRS #0348

1.5 Credits                                      Full Year                                      11, 12                                      NCAA

**Prerequisite:** Successful completion of Honors Algebra II w/ Trigonometry or recommendation of current science teacher

AP Chemistry is a college level course for highly motivated students. Students taking AP Chemistry will participate in two double lab periods each week. The course is designed to prepare students for the AP Chemistry exam offered in the spring. The following major themes will be studied: atomic structure and reactivity, periodic table, acids and bases, electrochemistry, and why chemical reactions occur – chemical equilibrium, thermo chemistry and kinetics. All students who enroll in an AP course are expected to take the AP exam in order to have AP status reflected on their transcript and to receive AP credit.

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## PHYSICS

CRS #0313

1 Credit                                      Full Year                                      11, 12                                      NCAA

**Prerequisite:** Algebra II-completed

This course will require students to engage in principles and practices in the following areas: one and two dimensional motion, mechanical energy, wave motion and sound, light and optics, electricity and, time permitting, electricity. Students will participate in a wide variety of laboratory experiences in order to develop their own models of various physical phenomena. Students will also develop problem-solving skills and apply these skills to original problems. Students will take part in engineering tasks and STEM challenges where they will learn the fundamentals of physics through real world situations and application.

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## PHYSICS (H)

CRS #0314

1 Credit                                      Full Year                                      11, 12                                      NCAA

**Prerequisite:** Successful completion of Algebra II, completed or concurrent enrollment in Pre-Calculus and recommendation of current science teacher.

This course is an in-depth study in the following areas: one and two dimensional motion, mechanical energy, wave motion and sound, light and optics, and time permitting, electricity. Students will participate in a wide variety of laboratory experiences in order to develop their own models of various physical phenomena. Students will also develop problem-solving skills and apply these skills to original problems. Students who enroll in the College Career Pathways program and earn a “C” or better in this course will receive college credit from Manchester Community College, transferable to UConn and many other colleges, for Manchester Community College’s introductory physics course.

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### AP PHYSICS I

**COURSE CRS #0358**  
**LAB CRS #0359**

1.5 Credits                                      Full Year                                      12                                      NCAA

**Prerequisite:** Successful completion of Pre-Calculus and recommendation of current science teacher.

AP Physics I is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound; and an introduction to electric circuits. The primary goal of the course is to develop the student’s understanding of these topics through a problem-solving approach that relies on the use of algebra and trigonometry as well as through inquiry-based lab activities. This course will prepare students for the AP Physics I exam. Students taking AP Physics I will participate in two double lab periods each week. **All students who enroll in an AP course are expected to take the AP exam in order to have AP status reflected on their transcript and to receive AP credit.** Students who are enrolled in the ECE program and achieve a grade of “C” or higher in the course will receive credit for UCONN PHYS1201Q: General Physics I.

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### AP PHYSICS - C

**COURSE - CRS #0351**  
**LAB CRS #0352**

1.5 Credits                                      Full Year                                      12                                      NCAA

**Prerequisite:** Successful completion of Pre-Calculus, recommendation of current science teacher **and** students must be concurrently enrolled in Calculus.

AP Physics C is a fast-paced, college-level course that focuses on mechanics in the fall semester and electricity and magnetism in the spring semester. The primary goal of the course is to develop the student’s understanding of these topics, predominantly through a problem solving approach that relies on the use of algebra, trigonometry, and calculus. This course will prepare students for both the AP Physics C – Mechanics exam as well as the AP Physics C – Electricity and Magnetism exam. Students taking AP Physics C will participate in two double lab periods in each week. **All students who enroll in an AP course are expected to take the AP exam in order to have AP status reflected on their transcript and to receive AP credit.**

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### INTRODUCTION TO HORTICULTURE (\*PENDING BOE APPROVAL\*)

**CRS #0317**

½ Credit                                      One Semester                                      11, 12

This is an introductory course for students with a strong interest in plant science. Students will learn and practice fundamental skills relating to plant growth and propagation (horticulture). This is a hands on, project based learning class so that students can explore where their food comes from, how it is grown and the economic and social impact of those practices. The student will be introduced to careers in the industry as well as greenhouse management and pest control.



# SOCIAL STUDIES

The Social Studies Department of South Windsor High School offers a wide range of courses from which students may select according to individual needs, interests and aptitudes. It is important that you read the course descriptions carefully so that you make the best decisions. All of the courses in the Social Studies Department are intended to be college preparatory classes, unless noted as honors or advanced placement. The successful completion of three full credits is required for graduation.

**Graduation requirements** for all students are as follows:

- 3 credits in Social Studies, including at least 1 credit in U.S. History and .5 credit in Civics/Government.
- Modern World History is the pre-requisite course for U.S. History in 10th grade.

## SOCIAL STUDIES –REQUIRED COURSES

### MODERN WORLD HISTORY

**CRS #0417**

**HONORS CRS #0418**

1 Credit

Full Year

9

NCAA

The central purpose of this course is to provide students with an understanding of how world civilization has evolved during the last three hundred years. Units of study include The Age of Revolutions, Global Imperialism, World Conflicts, and Contemporary Global Issues. The culminating assessment for this last unit of study will be a United Nations simulation in which all students will be required to research a contemporary world issue and propose possible solutions. Students will be called upon to think as geographers, economists, historians, and political scientists as they explore and integrate these topics. Sensitivity for the cultural diversity and commonality of the people of the world will be emphasized throughout this course.

### THE MODERN WORLD: AN INTERDISCIPLINARY SEMINAR

**HONORS CRS #0416/#0186**

2 Credits

Full Year

9

NCAA

(1 Credit English, 1 Credit Social Studies)

This integrated Social Studies and English course will use brain-based research instructional strategies empowering students to access content and apply twenty-first century critical thinking, problem solving, research, collaborative and technological skills to their learning. Projects will be designed by students and presentations will be required. This course is by teacher recommendation only and will be limited in the first year to one class section. (by teacher recommendation)

### HUMANITIES

**CRS #0103/#0104**

2 Credits

Full Year

9

(1 Credit English, 1 Credit Social Studies)

This course offers students the opportunity to receive strategic instruction in literacy skills according to their individual needs. It is focused on the reading, writing and responding to fiction and non-fiction texts required by the Common Core State Standards for English Language Arts. Students will spend approximately half of their time working with a variety of texts which support the Modern World History curriculum and the other half working on skills and concepts within the ninth grade language arts curriculum. (by special arrangement)

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**UNITED STATES HISTORY****CRS #0423****HONORS CRS #0424**

1 Credit                                      Full Year                                      10                                      NCAA

This course will focus on United States History from post-Reconstruction to the present. Topics of study include: Industrialization, Becoming a World Power, Roaring '20's to the New Deal, Civil Rights, Cold War and the Age of Globalization. The course will allow students to think critically about the vital issues that face them as U.S. citizens. To achieve this goal, students will develop competence in chronological thinking, historical comprehension of primary and secondary sources, historical research, interpretation and justifying their point of view through oral and written expression.

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**AP UNITED STATES HISTORY****CRS #0425**

1 Credit                                      Full Year                                      10, 11, 12                                      NCAA

This advanced placement course is a thorough examination of the scope and sequence of United States history. Some of the areas of concentration include American culture, economic transformations, environment and globalization, politics, government and military conflicts. The course will provide students with the opportunity to analyze problems and successes in American history and to arrive at conclusions based on research and factual evidence. This course fulfills the United States History graduation requirement. **All students who enroll in an AP course are expected to take the AP exam in order to have AP status reflected on their transcript and to receive AP credit.**

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**AMERICAN STUDIES****CRS #0414/#0184**

2 Credits                                      Full Year                                      10                                      NCAA                                      (1 Credit English, 1 Credit Social Studies)

This course offers designated students the opportunity to be instructed strategically in literacy skills according to their individual needs. It is focused on the reading, writing and responding to fiction and non-fiction texts required by the Common Core State Standards for English Language Arts. Students will spend approximately half of their time working with a variety of texts which support the U.S. History curriculum and the other half working on skills and concepts within the tenth grade language arts curriculum. (by special arrangement)

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**CIVICS AND AMERICAN GOVERNMENT****CRS #0471****HONORS CRS #0472**

½ Credit                                      One Semester                                      11                                      NCAA

This course will begin with an examination of the foundations of the U.S. government, a study of the Constitution and Bill of Rights, and then focus on citizenship, voting, the branches and structure of government, and policy decisions. Finally, students will study state and local government and the rights and responsibilities of citizenship. Students will be required to use their knowledge to research a contemporary governmental issue at the local, state, or national level and address it by engaging in a civic participation project which involves writing a formal research paper.

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**AP AMERICAN GOVERNMENT AND POLITICS****CRS #0468**

1 Credit

Full Year

11, 12

NCAA

This AP course is a thorough study of the United States government – its functions, its limitations and advantages, and its future as a government. Philosophical influences, historical experiences, and contemporary ramifications, studied through primary sources, will provide students with an in-depth understanding of our American political philosophy, our role in the world, and our own domestic issues. Independent research, formal term papers and involvement in a national competition on the Constitution and the Bill of Rights are course requirements. Extensive summer reading and writing are required. This course fulfills the Civics and American Government graduation requirement. **All students who enroll in an AP course are expected to take the AP exam in order to have AP status reflected on their transcript and to receive AP credit.**

## SOCIAL STUDIES – ELECTIVE COURSES

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### UCONN ECE HIST 1400: MODERN WESTERN TRADITIONS

**CRS #0421**

1 Credit

Full Year

11, 12

NCAA

This course will examine the history of political institutions, economic systems, social structures, and cultures in the modern Western world. European history will be examined in depth, and historic periods under study include the Renaissance, the Protestant Reformation, the Age of Absolutism, the Enlightenment, the Age of Revolutions, the Industrial Revolution, Imperialism, the World Wars, the Cold War, and the present day. Besides learning about European History, this course will focus on writing and researching like a historian. Thus, this is a reading and writing intensive course. Students who earn a final grade of C or above are eligible for UCONN credit.

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### AP PSYCHOLOGY

**CRS #0428**

1 Credit

Full Year

11, 12

NCAA

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Students will complete Independent research, formal term papers and extensive summer work. All students who enroll in an AP course are expected to take the AP exam in order to have AP status reflected on their transcript and to receive AP credit.

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### INTRODUCTION TO PSYCHOLOGY

**CRS #0429**

½ Credit

One Semester

11, 12

NCAA

An introduction to psychology is the study of individual behavior and cognition. Through the examination of various psychological theories and perspectives, students develop a greater understanding of why people think and act as they do. The study of psychology provides insights into one’s attitudes, feelings and actions. Selected topics of study include the principles of learning, the process of memory and thinking, the interaction of sensation and perception, personality development, and the investigation of various mental disorders and therapies.

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### SOCIOLOGY: UNDERSTANDING SOCIETY

**CRS #0433**

**HONORS CRS #0434**



1 Credit

Full Year

11, 12

NCAA

The AP/ECE Economics course is designed to introduce students to many of the key principles and ideas of economics. Students will study terms and concepts from microeconomics such as, supply and demand as well as economic theories and systems. Topics from macroeconomics such as economic performance, economic challenges, government, and fiscal policy will also be studied. Students will complete independent research, formal term papers and extensive summer work. **This course entails 2 AP exams: Macroeconomics and Microeconomics. All students who enroll in an AP course are expected to take the AP exam in order to have AP status reflected on their transcript and to receive AP credit.**

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## CONTEMPORARY WORLD ISSUES

CRS #0439

½ Credit

One Semester

11, 12

NCAA

This course explores current issues around the world. The two primary goals of the course are for students to develop skills to critically read, discuss, and create a variety of print and non-print materials and to explore, gain knowledge of and form opinions about contemporary issues that affect our global community. To accomplish these goals students will examine biographies, newspapers, periodicals, fiction and non-fiction sources, film, television, music, and the Internet. Units of study will reflect current issues by examining some or all of the following: important individuals, environment, economics, politics, culture, conflicts or human rights.

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## MYTH, MOVIES, AND HISTORY

CRS #0401

½ Credit

One Semester

11, 12

This film studies course investigates the development of the American film industry and the ways it has shaped American culture and society. Students will learn about the creation of motion pictures, the early days of Hollywood, cinematography techniques, the Silent Era, comedies, science fiction and horror movies, and the advent of independent films. Students are expected to view film clips and whole films and engage in active discussion and research. Students will develop a critical viewing “eye” and appreciate the qualities that make films historic and lasting parts of American popular consciousness.

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## REGIONAL WORLD STUDIES

CRS #0435

½ Elective Credit

One Semester

11, 12

NCAA

Students will focus on areas of conflict, international economic development, or ongoing interest to guide a research-based project that emphasizes problem solving and skill application. Based on the news and larger global forces, students will be encouraged to track a problem to its conclusion. This course will be a culminating experience in the International Relations/Global Studies Pathway which will result in a certificate in Global Studies from the World Affairs Council.

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## LOCAL GOVERNMENT AND LAW ENFORCEMENT

CRS #0436

½ Elective Credit

One Semester

11, 12

NCAA

This course introduces students to the structure and function of local government and state government, law enforcement, and the courts. Students learn how local governments operate as well as by their interaction with police, courts, and management systems. This course will rely on interviews and work with officials. Students will solve problems and experience service on a local level.

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## NATIONAL GOVERNMENT AND INTELLIGENCE STUDIES

CRS #0437

½ Elective Credit

One Semester

11, 12

NCAA

The focus of this course is on becoming involved with organizations such as the CIA, the FBI, ATF, Homeland Security, military service, or other national protection agencies. Students will study the functions these bodies serve and will research the means by which they could enter service on a national level. The content of study of this course will be dictated by student interest and will emphasize research and writing skills.

## VISUAL ARTS

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### EXPLORATIONS IN ART

CRS #0731

½ Credit

One Semester

9, 10, 11, 12

Students will be introduced to the variety of art disciplines we offer at SWHS to find their interest and abilities in the visual arts. Students will learn basic techniques in drawing, painting, printmaking, clay, metals and mixed media. Art history and criticism are integrated into the curriculum. **This course is not a prerequisite for any of the other art course, but is intended for students who have not yet taken any other art course at SWHS.**

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### CARTOONING (\*PENDING BOE APPROVAL\*)

CRS #0725

½ Credit

One Semester

9, 10, 11, 12

Introductory cartooning class where students will learn how to use images accompanied by well-chosen words to create meaning for the reader. We will study comic books, comic strips, and graphic novels to determine how cartoon communication works. The course will include lessons on character development, story boards, and creating cartoon strips.

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### 3-D DESIGN (\*PENDING BOE APPROVAL\*)

CRS #0727

½ Credit

One Semester

9, 10, 11, 12

Solve artistic problems by applying the elements of art and principles of design in 3D. Use line, shape, form, color, and texture within three-dimensional projects. Students will use additive and subtractive building methods in a variety of sculpture techniques using clay, wire, paper, cardboard, and more. This course is best suited for students who like to work with their hands and build in 3-D.

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### DESIGN

CRS #0701

½ Credit

One Semester

9, 10, 11, 12

In Design class, students will learn how to plan, lay out, and organize elements of art on 2-D formats. Students will also create designs in 3-D using a variety of materials. Through Elements and Principles of Art, students will be able to express personal ideas using a variety of skills, techniques, and materials. As students develop skills with a variety of media, they will explore more advanced problems with emphasis on creative interpretation and imagery. A sketchbook is required.

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### INTRODUCTION TO DRAWING

CRS #0703

½ Credit

One Semester

9, 10, 11, 12



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**ADVANCED PAINTING****CRS #0708**

½ Credit                                      One Semester                                      10, 11, 12

**Prerequisite:** Intermediate Painting

Students will develop their painting skills with a variety of media; they will explore more advanced problems with emphasis on creative interpretation and imagery. Acrylics, watercolors, oils and mixed media may be used. Individual and weekly group critiques. Preliminary plans and sketches are part of the creative process and are required. A student may sign up for INTERMEDIATE PAINTING and ADVANCED PAINTING in the same year. ADVANCED PAINTING may be taken multiple times for credit. Course content follows the Advanced Portfolio list.

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**INTRODUCTION TO CLAYWORK****CRS #0713**

½ Credit                                      One Semester                                      9, 10, 11, 12

Students will focus on the development of skills needed to construct sculptural clay forms by the handbuilding techniques of pinch, coil, slab and a combination thereof. Instruction also includes an introduction to basic decorating and glazing techniques. Students will design their own projects based on the assignment. Good craftsmanship will be emphasized. Students will learn to reflect upon their work and the work of their peers. A student may sign up for INTRODUCTION TO CLAYWORK and INTERMEDIATE CLAYWORK in one year.

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**INTERMEDIATE CLAYWORK****CRS #0714**

½ Credit                                      One Semester                                      9, 10, 11, 12

**Prerequisite:** Introduction to Claywork

Students will refine their handbuilding skills with a focus on creating tile and sculptures (abstract, realistic and functional). Instruction includes other approaches to decorating, glazing and firing the clay sculptures. Emphasis will be on craftsmanship, design, and producing functional pieces (when appropriate). Preliminary plans and study are part of the creative process and are required. Students will reflect on their work and the work of their peers. A student may sign up for INTERMEDIATE CLAYWORK and ADVANCED CLAYWORK in one year.

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**ADVANCED CLAYWORK****CRS #0715**

½ Credit                                      One Semester                                      10, 11, 12

**Prerequisite:** Intermediate Claywork

Students will explore more advanced problems in clay with emphasis on creative interpretation and imagery, enabling them to explore and design their personal expression. A sketchbook is required. Instruction includes other approaches to decorating, glazing and firing the clay sculptures. Emphasis will be on craftsmanship, design, producing functional pieces (when appropriate), exploration and experimentation. Preliminary plans and study are part of the creative process and are required. Students will reflect on their work and the work of their peers. A student may sign up for INTERMEDIATE CLAYWORK and ADVANCED CLAYWORK in one year. ADVANCED CLAYWORK may be taken multiple times for credit. Course content follows the Advanced Portfolio List.

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**AP STUDIO ART– WITH PORTFOLIO SUBMISSION TO AP EXAM****CRS #0730**

1 Credit                                      Full Year                                      11, 12

**Prerequisite:** One semester of an advanced art course (Approval of the AP art studio teacher is necessary for admission)

This course is designed for serious art students who are planning to major in art at the college level. The students enrolled in the Advanced Placement Studio Art will produce 24 works of art. Emphasis is placed on imagery development, quality of work, and a demonstration of the ability to express ideas through varied approaches. Students will organize their art work in a portfolio. **All students who enroll in an AP course are expected to take the AP exam in order to have AP status reflected on their transcript and to receive AP credit.**

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**FASHION DESIGN / ILLUSTRATION I****CRS #0738**

½ Credit                                      One Semester                                      9, 10, 11, 12

Students will be exposed to an overview of topics in fashion design and illustration. Assignments will include: figure drawing, fabric rendering with colored pencil, mood board collage, garment illustration with found objects, altered denim design, and garments made from recycled materials. Throughout the course, students will have the opportunity to express their creative ideas and sense of style. Fashion Courses are recommended for students interested in pursuing a career in Fashion Design, Textile Design, or business aspects of the Fashion Industry. A sketchbook is required. Students may sign up for Fashion I and Fashion II in the same year.

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**FASHION DESIGN / ILLUSTRATION II****CRS #0739**

½ Credit                                      One Semester                                      9, 10, 11, 12

This Fashion II course gives students the opportunity to dive deeper into the world of Fashion. Students will design and create their own textiles using block printing techniques, learn sewing basics while making a pair of pajama pants, and explore embellishment techniques like applique and embroidery. In addition, student will practice drawing fashion figures, clothing designs and accessories. Fashion Courses are recommended for students interested in pursuing a career in Fashion Design, Textile Design, or business aspects of the Fashion Industry. A sketchbook is required.

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# WORLD LANGUAGES

## Elective Language Offering

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**INTRODUCTION TO AMERICAN SIGN LANGUAGE****CRS #0560**

1 Credit                                      Full Year                                      9, 10, 11, 12                                      NCAA

**No prerequisites**

This is an introductory class where students will learn the history of American Sign Language as well as be introduced to the culture of the deaf community and how it varies around the world. Students will learn the basics of the language, starting with the alphabet and will practice communicating within various

contexts. Please note that this course is not part of a sequential series. Introduction to American Sign Language may count towards the 2 credit world language requirement. Please note that this course is not part of a sequential series.

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**CLASSICAL MYTHOLOGY-UCONN EARLY COLLEGE EXPERIENCE****CRS #0565**

*\* Please note that this course will only run with sufficient student interest*

1 Credit                                      Full Year                                      11, 12

No prerequisites

Myth is the oldest way for a culture to address essential questions and to articulate its values, beliefs about its place in the universe, and the nature of the universe itself through symbolic and figurative language. The myths of the Greeks and Romans in particular provide a significant cultural and aesthetic cornerstone to Western Civilization, informing and influencing its values, arts, literature, and even popular culture. This course, offered at the AP level for UConn Early College Experience credit, will provide a thematic approach to Classical myth in its historical, cultural, and literary context. Embedded within the mythological content will be linguistic content, such as English etymology (word roots) and elementary Ancient Greek. Classical Mythology does not count towards to the 2 credit world language requirement.

## Sequential Language Offerings

### Placement Recommendations for College Prep and Honors Level

Teacher recommendations are the primary criteria for student level placement for each course. Assessment scores along with language proficiency in speaking, reading, listening, and writing are all taken into consideration. Additionally, students must achieve no lower than a C- in order to continue in a course sequence.

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**FRENCH 1****CRS #0501**

1 Credit                                      Full Year                                      9, 10, 11, 12                                      NCAA

No prerequisites

This course is designed as an introduction to the French language and Francophone cultures. Students will practice speaking, listening, reading, and writing in a cultural context. Vocabulary appropriate to this level of study is developed through the use of authentic listening exercises, visuals and videos on a variety of cultural themes. Students must successfully complete the course with a teacher recommendation, in order to continue in the course sequence.

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**FRENCH 2****CRS #0502**

1 Credit                                      Full Year                                      9, 10, 11, 12                                      NCAA

**Prerequisite:** Successful completion of French 1, and/or Middle School French, with teacher recommendation

This course is designed to further develop the language skills acquired in French 1. This course will be conducted in French as much as possible and students will be expected to use French in class as the primary language of communication. Vocabulary and grammar appropriate to this level of study is presented in French and developed through the use of authentic listening exercises, visuals and videos on a variety of cultural themes.

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**FRENCH 2 (H)****CRS #0503**

1 Credit                                      Full Year                                      9, 10, 11, 12                                      NCAA

**Prerequisite:** Successful completion of French 1 and/or Middle School French, with teacher recommendation

This course is an honors course open to students who receive the recommendation of their French 1 teacher. This course will be conducted in French and students will be expected to use French in class as the primary language of communication. Vocabulary and grammar appropriate to this level of study is presented in French and developed through the use of authentic listening exercises on a variety of cultural themes.

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**FRENCH 3****CRS #0504**

1 Credit                                      Full Year                                      10, 11, 12                                      NCAA

**Prerequisite:** Successful completion of French 2, with teacher recommendation

This course continues to develop language functions learned and emphasizes fluency in speaking, reading, writing and listening. This course is conducted in French and students will be expected to use French in class as the primary language of communication. Vocabulary and grammar appropriate to this level of study is presented in French and developed through the use of authentic listening exercises on a variety of cultural themes.

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**FRENCH 3 (H)****CRS #0505**

1 Credit                                      Full Year                                      10, 11, 12                                      NCAA

**Prerequisite:** Successful completion of French 2, with teacher recommendation

This is an honors course open to students who have received the recommendation of their French 2 teacher. This course is conducted in French and students will be expected to use French in class as the primary language of communication. Vocabulary and grammar appropriate to this level of study is presented in French and developed through the use of authentic listening exercises on a variety of cultural themes.

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**FRENCH 4****CRS #0506**

1 Credit                                      Full Year                                      11, 12                                      NCAA

**Prerequisite:** Successful completion of French 3, with teacher recommendation

This course focuses on conversation, reading, writing, language functions and francophone culture. Guided conversations and discussions will be used both as learning activities and assessments. This course will be conducted in French and students will be expected to use French in class as the primary language of communication. It is the intent of this course to help students consolidate their knowledge of the French language as a communicative skill and to broaden their understanding of francophone cultures.

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**FRENCH 4 (H)****CRS #0507**

1 Credit                                      Full Year                                      11, 12                                      NCAA

**Prerequisite:** Successful completion of French 3, with teacher recommendation

This is an honors course open to students who have received the recommendations of their French III teacher. This course focuses on conversation, reading, writing, language functions and francophone culture. Guided conversations and discussions will be used both as learning activities and assessments. This

course will be conducted in French and students will be expected to use French in class as the primary language of communication. It is the intent of this course to help students consolidate their knowledge of the French language as a communicative skill and to broaden the base of their understanding of the culture of French speaking people.

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## FRENCH 5

CRS #0508

*\* Please note that this course will only run with sufficient student interest*

1 Credit                                      Full Year                                      12                                      NCAA

**Prerequisite:** Successful completion of French 4, with teacher recommendation

The four skills of listening, reading, writing and speaking will continue to be enhanced and enriched as students embark on a culturally enriched tour of Francophone countries. This course will be conducted in French and students will be expected to use French in class as the primary language of communication. Students will produce written and oral artifacts with all of the functions of language that they have learned previously in real life situational activities and assessments.

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## AP FRENCH LANGUAGE AND CULTURE

CRS #0513

*\* Please note that this course will only run with sufficient student interest*

1 Credit                                      Full Year                                      12                                      NCAA

**Prerequisite:** Successful completion of French 4

This course is intended for students wishing to pursue French at an AP level. Students are exposed to written and spoken French on a variety of topics and will also present information and ideas using spoken and written French to an audience. Students develop an understanding and appreciation of various aspects of the cultures of the French speaking world. Film, books, newspapers, music, traditions, and cultural values will be studied. **All students who enroll in an AP course are expected to take the AP exam in order to have AP status reflected on their transcript and to receive AP credit.**

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## ITALIAN 1

CRS #0550

1 Credit                                      Full Year                                      9, 10, 11, 12                                      NCAA

No prerequisites

This course is designed as an introduction to the Italian language and culture. Students will practice speaking, listening, reading, and writing in a cultural context. Vocabulary appropriate to this level of study is developed through the use of authentic listening exercises, visuals and videos on a variety of cultural themes. Study skills which enhance language learning are emphasized. Students must successfully complete the course with a teacher recommendation, in order to continue in the course sequence.

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## ITALIAN 2 (H)

CRS #0554

1 Credit                                      Full Year                                      10, 11, 12                                      NCAA

**Prerequisite:** Successful completion of Italian 1, with teacher recommendation

This course is designed to further develop the language skills acquired in Italian 1. This course will be conducted in Italian and students will be expected to use Italian in class as the primary language of communication. Vocabulary and grammar appropriate to this level of study is presented in Italian and developed

through the use of authentic listening exercises, visuals and videos on a variety of cultural themes. Students will also study various aspects of the Italian culture.

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**ITALIAN 3 (H)****CRS #0555**

*\* Please note that this course will only run with sufficient student interest*

1 Credit                                      Full Year                                      11, 12                                      NCAA

**Prerequisite:** Successful completion of Italian 2, with teacher recommendation

This course continues to develop language functions learned and emphasizes fluency in speaking, reading, writing and listening. This course is conducted in Italian and students will be expected to use Italian in class as the primary language of communication. Vocabulary and grammar appropriate to this level of study is presented in Italian and developed through the use of authentic listening exercises on a variety of cultural themes. Students will study various aspects of the Italian culture around the world.

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**ITALIAN 4 (H)****CRS #0553**

*\* Please note that this course will only run with sufficient student interest*

1 Credit                                      Full Year                                      11, 12                                      NCAA

**Prerequisite:** Successful completion of Italian 3, with teacher recommendation

This course focuses on conversation, reading, writing, language functions and Roman culture. Guided conversations and discussions will be used both as learning activities and assessments. This course will be conducted in Italian and students will be expected to use Italian in class as the primary language of communication. It is the intent of this course to help students consolidate their knowledge of the Italian language as a communicative skill and to broaden their understanding of modern Italian culture.

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**LATIN 1****CRS #0521**

1 Credit                                      Full Year                                      9, 10, 11, 12                                      NCAA

No prerequisites

This course provides the foundation for the acquisition of the Latin language with the goal of eventually reading the literary masterpieces of the ancient Romans. Students are introduced to basic Latin grammar, syntax, and vocabulary within the rich context of mythology, history, and culture. Proficiency is developed through memorization, and extensive practice in reading, translation, and composition. Students must successfully complete the course with a teacher recommendation, in order to continue in the course sequence.

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**LATIN 2 (H)****CRS #0525**

1 Credit                                      Full Year                                      10, 11, 12                                      NCAA

**Prerequisite:** Successful completion of Latin 1, with teacher recommendation

Beginning where Latin 1 left off, students continue to study the remaining elements of Latin grammar and syntax. Vocabulary continues to be built. Reading, translation, and composition skills continue to be emphasized. Grammar work is still presented in the context of Classical history, mythology, and culture. As

they complete the grammar, students make the transition from reading adapted Latin to studying authentic Roman literary works from authors like Petronius, Catullus, or Caesar.

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### LATIN 3 (H)

CRS #0523

1 Credit                                      Full Year                                      11, 12                                      NCAA

**Prerequisite:** Successful completion of Latin 2, with teacher recommendation

This course is an exploration of Latin lyric, elegiac, and epic poetry. Emphasis is placed on refining translation and literary interpretation skills by reading selections from the literary works of Roman authors like Catullus, Ovid and Horace. Attention is also given to the historical and cultural backgrounds of the works studied, metrics, rhetorical devices, and figures of speech, as well as to Classical literary criticism and scholarship, and the modern legacy of such works.

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### LATIN 4 (ECE)

CRS #0528

**\* Please note that this course will only run with sufficient student interest**

1 Credit                                      Full Year                                      12                                      NCAA

**Prerequisite:** Successful completion of Latin 3, with teacher recommendation

Students continue developing facility with analyzing, interpreting, and translating Latin literature by closely reading Vergil's epic masterpiece, the *Aeneid*. Students closely study the mythological, historical and cultural background of the work (such as the Trojan War and the rise of Augustus), the poetic techniques of the author, and secondary scholarship. This is a UCONN Early College Experience course, meaning that students can be concurrently enrolled at UCONN and earn transferrable college credits. Students who are enrolled in the ECE program and achieve a grade of "C" or higher in the course will receive UCONN ECE credit.

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### SPANISH 1

CRS #0531

1 Credit                                      Full Year                                      9, 10, 11, 12                                      NCAA

**No prerequisites**

This course is designed as an introduction to the Spanish language and Hispanic cultures. Students will practice speaking, listening, reading, and writing in a cultural context. Vocabulary appropriate to this level of study is developed through the use of authentic listening exercises on a variety of cultural themes. Study skills which enhance language learning are emphasized. Students must successfully complete the course with a teacher recommendation, in order to continue in the course sequence.

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### SPANISH 2

CRS #0532

1 Credit                                      Full Year                                      9, 10, 11, 12                                      NCAA

**Prerequisite:** Successful completion of Spanish 1 and/or middle school Spanish, with teacher recommendation

This course is designed to further develop the language skills acquired in Spanish I. This course will be conducted in Spanish and students will be expected to use Spanish in class as the primary language of communication. Vocabulary and grammar appropriate to this level of study is presented in Spanish and developed through the use of authentic listening exercises on a variety of cultural themes.



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**SPANISH 2 (H)****CRS #0533**

1 Credit                                      Full Year                                      9, 10, 11, 12                                      NCAA

**Prerequisite:** Successful completion of Spanish 1 and/or middle school Spanish, with teacher recommendation

This course is an honors course open to students who receive the recommendation of their Spanish I teacher. This course will be conducted in Spanish and students will be expected to use Spanish in class as the primary language of communication. Vocabulary and grammar appropriate to this level of study is presented in Spanish and developed through the use of authentic listening exercises on a variety of cultural themes.

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**SPANISH 3****CRS #0534**

1 Credit                                      Full Year                                      10, 11, 12                                      NCAA

**Prerequisite:** Successful completion of Spanish 2, with teacher recommendation

This course is conducted in Spanish and students will be expected to use Spanish in class as the primary language of communication. Vocabulary and grammar appropriate to this level of study is presented in Spanish and developed through the use of authentic listening exercises on a variety of cultural themes.

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**SPANISH 3 (H)****CRS #0535**

1 Credit                                      Full Year                                      10, 11, 12                                      NCAA

**Prerequisite:** Successful completion of Spanish 2, with teacher recommendation

This is an honors course open to students who have received the recommendation of their Spanish II teacher. This course will be conducted entirely in Spanish and students will be expected to use Spanish in class as the primary language of communication. Vocabulary and grammar appropriate to this level of study is presented in Spanish and developed through the use of authentic listening exercises on a variety of cultural themes.

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**SPANISH 4****CRS #0536**

1 Credit                                      Full Year                                      11, 12                                      NCAA

**Prerequisite:** Successful completion of Spanish 3, with teacher recommendation

This course focuses on conversation, reading, writing, language functions and Hispanic cultures. Guided conversations and discussions will be used both as learning activities and assessments. This course will be conducted in Spanish and students will be expected to use Spanish in class as the primary language of communication. It is the intent of this course to help students consolidate their knowledge of the Spanish language as a communicative skill and to broaden the base of their understanding of various Hispanic cultures.

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**SPANISH 4 (H)****CRS #0537**

1 Credit                                      Full Year                                      11, 12                                      NCAA

**Prerequisite:** Successful completion of Spanish 3, with teacher recommendation

This is an honors course open to students who have received the recommendations of their Spanish III teacher. This course focuses on conversation, reading, writing, language functions and Hispanic cultures. Guided conversations and discussions will be used both as learning activities and assessments. This course will be conducted in Spanish and students will be expected to use Spanish in class as the primary language of communication. It is the intent of this course to

help students consolidate their knowledge of the Spanish language as a communicative skill and to broaden the base of their understanding of various Hispanic cultures.

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## SPANISH 5

CRS #0538

1 Credit                                      Full Year                                      12                                      NCAA

**Prerequisite:** Successful completion of Spanish 4, with teacher recommendation

The four skills of listening, reading, writing and speaking will continue to be enhanced and enriched as students embark on a culturally enriched tour of Hispanic countries. This course will be conducted in Spanish and students will be expected to use Spanish in class as the primary language of communication at the intermediate high level. Students will produce written and oral artifacts with all of the functions of language that they have learned previously in real life situational activities and assessments.

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## AP SPANISH LANGUAGE AND CULTURE

CRS #0541

*\* Please note that this course will only run with sufficient student interest*

1 Credit                                      Full Year                                      12                                      NCAA

**Prerequisite:** Successful completion of Spanish 4

This course is intended for students wishing to pursue Spanish at an AP level. Students are exposed to written and spoken Spanish on a variety of topics and will also present information and ideas using spoken and written Spanish to an audience. Students develop an understanding and appreciation of various aspects of the cultures of the Spanish speaking world. Film, books, newspapers, music, traditions, and cultural values will be studied. **All students who enroll in an AP course are expected to take the AP exam in order to have AP status reflected on their transcript and to receive AP credit.**

# Humanities Electives

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## DEBATE

CRS #0090

½ Elective Credit                                      One Semester                                      11, 12

The Debate Society of CT explains, “Debate helps student develop valuable speaking, listening and analytic skills. It places a premium on quick thought and precise expression. Many noted public figures are former high school and college debaters.” In this course, students study debate and debatable issues. They practice and compete as debaters, making arguments requiring research into historical, scientific, political and other contemporary issues. They compete with one another and may have the opportunity to compete against students from other schools and debate clubs around the state.

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## MODEL UNITED NATIONS

CRS #0091

½ Elective Credit                                      One Semester                                      11, 12

Study in international diplomacy, Roberts' Rules of debate, and contemporary country research are the foundations of this course. Students will explore topics in global affairs and will have the opportunity to compete with high schools from across the state. This course emphasizes original writing, speaking, and problem solving skills.

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## **THEATER STUDIES / ACTING**

**CRS #0176**

½ Elective Credit

One Semester

11, 12

This course introduces students to the basic principles and techniques of acting while working on scenes, monologues and acting exercises. Students learn effective use of imagination, concentration, relaxation and physical and vocal techniques that builds a foundation for the craft of acting and an appreciation for Theater Arts. Students are introduced to playwriting and scene study. Peer evaluation, collaborative learning, and an end of the semester performances are all a part of this course.

# **General Electives**

**(THESE COURSES COUNT TOWARDS CAREER/LIFE TECHNOLOGY SKILLS CREDITS)**

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## **MOBILE COMPUTER SCIENCE PRINCIPLES (MOBILE CSP)**

**CRS #0267**

1 Credit

Full Year

9, 10, 11, 12

Students learn computer science by building socially useful mobile apps. In addition to programming and computer science principles, Mobile CSP is project-based and emphasizes writing, communication, collaboration, and creativity. Students will learn computer science by building socially useful mobile apps as a creator and not just as a user. In addition to programming and computer science principles, the course is project-based and will emphasize writing, communication, collaboration, and creativity. Students will learn to code through using the "App Inventor" program.

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## **AP MOBILE COMPUTER SCIENCE PRINCIPLES**

**CRS #0268**

1 Credit

Full Year

10, 11, 12

This course is supported by the Mobile Computer Science Principles Project (Mobile CSP), a National Science Foundation (NSF) funded effort to provide a broad and rigorous introduction to computer science based on App Inventor, a mobile programming language for Android devices. Students learn computer science by building socially useful mobile apps. In addition to programming and computer science principles, the course is project-based and emphasizes writing, communication, collaboration, and creativity. With a unique focus on creative problem solving and real-world applications, AP Mobile Computer Science Principles prepares students for college and career.

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## **GRAPHIC COMMUNICATIONS**

**CRS #0919**

½ Credit

One Semester

9, 10, 11, 12

Graphic Communications is an introductory course offering the student an overview of contemporary communications processes and media. Areas to be covered include: Graphic Design, Digital Imaging, Adobe InDesign desktop publishing software, Print Media, and Advertising.



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**COMMUNITY SERVICE****CRS #1001**

½ Credit

9, 10, 11, 12

In accordance with South Windsor High School's Expectations for Student Learning; Civic Expectation #2: Contribute individually and collaboratively to the community as a responsible citizen who exhibits ethical behavior

South Windsor High School students may earn up to 1/2 credit for pre-approved, verified community service. Working in conjunction with an advisor, students will plan relevant and appropriate experiences to earn community service hours. Students must document the completed hours to be approved by the course advisor. Students choosing to pursue this option must complete a required orientation explaining the requirements, expectations, and guidelines for community service in advance of recording hours and earning credit. Students who complete 50 approved, documented hours will receive 1/2 credit.

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# Capstone

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**CAPSTONE****CRS #0691**

1 Credit

Full Year

12

This graduation requirement is introduced in the middle of junior year and is designed to provide members of the senior class with the opportunity to plan, complete and present a self-directed culminating project reflecting their personal interest. Under the guidance of a Capstone advisor, the Capstone experience will prepare students for lifelong learning and productive citizenship. This experience may include a creative project, research project, community service project, fundraising project, or an internship. Capstone will provide students with the opportunity to think critically, demonstrate flexibility and initiative, conduct analysis, improve communication skills and utilize technology effectively. The course will be graded as pass/fail.

South Windsor Public Schools does not discriminate on the basis of race, religion, color, national origin, sex, sexual orientation, age, genetic information, disability or other protected class status under applicable law in any of its education programs or services.

Section 504 of the Rehabilitation Act of 1973 ("Section 504") is an Act that prohibits discrimination against persons with a disability in any program receiving Federal financial assistance. For the purposes of Section 504, the term "disability" with respect to an individual means:

1. a physical or mental impairment that substantially limits one or more major life activities of such individual;
2. a record of such an impairment; or
3. being regarded as having such an impairment.

In order to fulfill its obligation under Section 504, the South Windsor Public Schools recognize a responsibility to avoid discrimination in policies and practices regarding its personnel, students, parents and members of the public who participate in school sponsored programs. In this regard, the South Windsor Public Schools will not knowingly permit discrimination against any person with a disability in any of the programs operated by the school system. Persons who feel that they may have been discriminated against on the basis of disability should contact the South Windsor Public School's Section 504 Coordinator.

The school district also has specific responsibilities under Section 504 with respect to providing access to appropriate educational services for students who qualify under Section 504. These responsibilities include the obligation to identify, to evaluate, and to afford access to appropriate educational services. If the parent or guardian disagrees with the decisions made by the professional staff of the school district with respect to the identification, evaluation, or educational placement of their child, he/she has a right to an impartial hearing. Additional written information about an impartial hearing is available on request from the Section 504 Coordinator.

South Windsor High School  
161 Nevers Road South Windsor, CT 06074  
(860) 648-5000  
Daniel P. Sullivan III, Principal