

# Program of Studies

## Bethel High School



# 2017-2018



**Bethel High School**  
**David W. Deakin Educational Park**  
**300 Whittlesey Drive, Bethel, CT 06801**  
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***Christopher M. Troetti***  
***Principal***

***Gary M. Lawlor***  
***Associate Principal***

***Mari Lerz***  
***Assistant Principal***

Dear Students:

Bethel High School offers a comprehensive program of study designed to enhance your academic skills and to prepare you for college and or a career. As you begin to select courses, we ask that you consider the following: What goals have you set for yourself for the coming year? What are your areas of interest? How do you plan to challenge yourself academically? What are your aspirations after high school, and how do the courses you selected reflect those aspirations?

Your secondary school years should be designed for self-discovery and individual development. These years contribute to making you a well-rounded knowledgeable person, and ultimately a responsible adult. Therefore, it is imperative that you make a personal commitment to take this process seriously.

In the 2017-2018 Program of Studies you will find the following new courses:

- Contemporary Fiction
- Sports Literature
- Gender Studies
- The Creative Process
- Science Fiction/Fantasy Literature
- Advanced Writing
- Ukulele
- Digital Spanish B
- Recording Studio
- Adaptive Music
- CADD (Tech Education)

As you work through this very important decision making process, we ask that you seek guidance from your parents, school counselor and teachers. They are your most valuable resources when challenging decisions need to be made. Finally, consider the information and advice you receive, and choose the path that will provide you with the best opportunity to achieve your goals. I wish you the best of luck as you proceed on this exciting journey!

Sincerely,

A handwritten signature in cursive that reads "Christopher M. Troetti".

Christopher M. Troetti  
Principal

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## **NEASC ACCREDITATION STATEMENT**

Bethel High School is accredited by the New England Association of Schools and Colleges, Inc., a nationally recognized organization whose affiliated institutions include elementary school through collegiate institutions offering post-graduate instruction.

Accreditation of an institution by NEASC indicates that it meets or exceeds criteria for the assessment of institutional quality periodically applied through a peer review process. An accredited school or college is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs.

## **BETHEL HIGH SCHOOL POLICIES**

### Sexual Harassment and Non-Discrimination Policy

The Bethel Public Schools are committed to a policy of equal opportunity/affirmative action for all qualified persons. The Bethel Public Schools do not discriminate in any employment practice, education program, or educational activity on the basis of race, color, religious creed, sex, age, national origin, ancestry, marital status, sexual orientation, gender identity or expression, disability (including, but not limited to, intellectual disability, past or present history of mental disorder, physical disability or learning disability), genetic information, or any other basis prohibited by Connecticut State and/or Federal nondiscrimination laws and provides equal access to the Boy Scouts and other designated youth groups. The Bethel Public Schools do not unlawfully discriminate in employment and licensing against qualified persons with a prior criminal conviction. Inquiries regarding the Bethel Public Schools nondiscrimination policies should be directed to:

Dr. Kristen Brooks (Title IX District Coordinator)  
Assistant Superintendent of the Bethel Public Schools  
1 School Street  
Bethel, CT 06801  
Phone: (203) 794-8613  
email: brooksk@bethel.k12.ct.us

Mrs. Susan Budris (Section 504 District Coordinator)  
Director of Special Education and Pupil Services  
1 School Street  
Bethel, CT 06801  
Phone: (203) 794-8616  
email: budriss@bethel.k12.ct.us

### Equal Employment Opportunity

It is the policy of the Board of Education to prohibit acts of discrimination in all matters dealing with employees and applicants for positions in the school district and to further the principle of equal employment opportunity in all actions affecting employees and applicants. As an equal opportunity employer, the Board of Education does not discriminate on the basis of race, color, religious creed, age, marital status, national origin, ancestry, sex, sexual orientation, mental retardation, learning disability, regarding any individual who can perform the essential functions of the job with or without reasonable accommodations physical disability (including blindness) or other disability (except in the case of a bona fide occupational qualification or need.).

The Bethel Board of Education does not knowingly condone discrimination on the basis of gender in admission or access to or treatment in its programs and activities.

All members of the school community are responsible for helping to assure that sexual and other unlawful harassment is avoided. Any person who has observed or otherwise become aware of conduct prohibited by this policy should bring the matter to the immediate attention of the Principal, Assistant Principal, and/or Title IX Coordinator. Any person who feels he or she has been harassed or victimized in violation of this policy should process a complaint in accordance with Board of Education policy.

The Associate Superintendent of Schools, Dr. Kristen Brooks, is the Title IX, and Title VI, Compliance Officer and may be contacted at The Clifford J. Hurgin Municipal Center, Board of Education Offices, 1 School Street, Bethel, CT 06801, Telephone (203) 794-8613.

*Legal Reference: U.S.O.E. Title IX (final Title IX Regulation Implementing Education Amendments of 1972, Prohibiting Sex Discrimination in Education effective date 7/21/75 20U.S. C. @ 1681 et seq); Title VI, Civil Rights Act 1964*

## **BETHEL HIGH SCHOOL MISSION AND EXPECTATIONS**

### **Mission Statement**

Bethel High School believes in developing life-long learners who are responsible citizens and independent, critical thinkers prepared to meet life's challenges.

*The academic, social, and civic expectations identify the school-wide essential learning outcomes identified for all students.*

#### Academic Expectations

*Bethel High School graduates:*

- Use listening and speaking skills to communicate effectively.
- Think critically using problem-solving skills in a variety of situations to meet life's challenges.
- Read effectively for a variety of purposes using diverse media.
- Employ technology effectively and responsibly to facilitate learning, research, and communication.
- Write effectively for a variety of purposes and audiences.

Academic Expectations are assessed using school-wide rubrics. See pages 4 – 8.

#### Social Expectations

*Students at Bethel High School will:*

- Demonstrate behavior that promotes a responsible and healthy lifestyle
- Show respect for others and themselves
- Contribute to the well-being and welfare of others within the school community
- Demonstrate the ability to work independently and cooperatively

#### Civic Expectations

*Students at Bethel High School will:*

- Provide service to the community
- Demonstrate their understanding of the rights and responsibilities of citizenship
- Explore post-secondary options

Achievement of social and civic expectations are assessed using the following data:

#### **Demonstrate behavior that promotes a responsible and healthy lifestyle**

- The number of students who successfully complete coursework that emphasizes health knowledge and appropriate decision making skills
- The number of students who attain the 85<sup>th</sup> percentile of the Connecticut Physical Fitness Assessment
- The number of students participating in after school activities
- The number of students who have no disciplinary referrals
- The number of students per semester who have no unexcused absences

#### **Show respect for others and themselves**

- The number of nominations for student of the month, Wildcat Winners, and positive telephone calls
- The number and variety of organizations that promote awareness of individual differences, tolerance and acceptance
- The percent of students who are referred for behavioral incidents

#### **Contribute to the well-being and welfare of others within the school community**

- The number of students participating in school activities that provide service to the school and community
- The number of students who serve as voluntary tutors

#### **Demonstrate the ability to work independently and cooperatively**

- The number of students participating in outside internships
- The number and variety of independent and cooperative group projects within coursework

- The number of programs and extracurricular activities promoting the skills needed to work independently and/or cooperatively

**Provide service to the community**

- The number of students who are working toward their graduation requirement of 60 hours of service learning in a given year
- The number of students who exceed the 60 hour requirement either as part of a group within the school or on their own
- The number of organizations within the school that do service learning as part of their charge and the number of students participating in those groups

**Demonstrate their understanding of the rights and responsibilities of citizenship**

- The number of students participating in groups that promote the rights and responsibilities of citizenship such as Principal’s Advisory, Student Council, Class Office, Club and Organization officers, JROTC, and Renaissance
- Civics is a requirement for graduation
- The number of seniors age 18 who register to vote in the annual voter registration drive

**Explore post-secondary options**

- The number of students participating in post secondary planning
- The number of seniors participating in Senior Options where they choose to take a college course at a local university or an online course through Virtual High School, do a career exploration internship or a work study program
- Having all students, starting with the class of 2010, meet the Transition to Life graduation requirement
- The number of students participating in web based career exploration surveys, interest inventories and college/trade school/military search program

## **GLOBAL COMPETENCY RUBRICS**

Students who graduate from the Bethel Public Schools are going to need to demonstrate skills and knowledge, which prepare them for college and/or career readiness. The Bethel Public Schools expect that students who graduate from Bethel High School be proficient in all skill areas. As a result, a committee, made up of 35 teachers and administrators, determined the key global competencies we would focus on: Collaboration, Creativity and Innovation and Critical Thinking. We also felt that it was critical to develop a common definition of each competency, key skills embedded within the competency and define “what it looks like” when a student is demonstrating those skills. By using the rubrics at all grade levels, students will have multiple, sustained experiences throughout their schooling. To view the rubrics, please follow the link below:

[http://www.bethel.k12.ct.us/for\\_staff/global\\_competency\\_rubrics](http://www.bethel.k12.ct.us/for_staff/global_competency_rubrics)

## **GENERAL INFORMATION**

This **Program of Studies** provides a listing and brief description of all courses and programs offered at Bethel High School. Each student should consult with his/her parents/guardians and school counselor to review his/her educational goals, career goals and his/her Student Success Plan. School counselors can provide information on courses required or recommended to meet his/her goals. Each student is expected to select courses at the level of instruction that is most appropriate and challenging for him/her based on previous courses, academic performance, educational goals and teacher recommendations. Each student is responsible for registering for those courses required for graduation.

## **SELECTING COURSES**

When requesting courses, students should use the provided COURSE SELECTION FORM to plan out their courses for the following year. However, students will make their course selections from home using the Parent Portal. Teacher recommendations can also be found on the Parent Portal Course Selection page.

All students must be enrolled in a minimum of seven classes each semester. Students should have no more than one learning lab per semester. **The administration strongly encourages all freshmen to consider taking one**

**learning lab each semester in order to make a smooth transition to the high school.** Exceptions will be made for students who qualify under the approved criteria for special alternative programs or individualized programs approved by the administration.

If enrolled in a Senior Option, students will have the opportunity to have periods seven and eight available to leave BHS in order to participate in the enrolled activities. Students may also forgo periods one and two to participate in the activities. If a student is taking a Senior Option, it is the student's responsibility to be enrolled in the courses, which meet graduation requirement. Both administrative and parental authorization is required to participate in a Senior Option. Please see the Senior Option section on page 25 of this program for specifics.

When requesting courses, students should be guided by the list of graduation requirements on page 80 of this program. After selecting the courses necessary for high school graduation, students may complete their schedules by selecting courses that meet their academic and vocational goals. It is important that students enroll in courses according to their own interests, abilities and needs.

Every attempt will be made to schedule a student for all of the courses that he/she requests. In the event that this is not possible, students will be assigned to their alternative course selections. **If no course requests are submitted, students will be assigned to classes on a space available basis.**

The Administration reserves the right to drop any course in which enrollment is insufficient.

## **LEVELS OF INSTRUCTION**

The following criteria have been adopted as the general description for student achievement and work at different levels in all course offerings. Students should read these guidelines carefully before making final course selections.

Course level recommendations represent the professional judgments made by teachers. These judgments are based on test and performance data. The school expects that the level recommendations made by teachers will be accepted and that the student will register for the recommended courses.

### **Advanced Placement**

Advance Placement is a program of college level courses for secondary school students. The curriculum is fast paced and the subject matter is demanding. Course content is prescribed by the current College Board's advanced placement course descriptions. The College Board Advanced Placement Examination administered in May is required for all students enrolled in the courses. The current cost of each test is \$92 (this price is subject to change).

The Bethel School System believes that students capable of meeting the challenges of advanced placement should enroll in these courses. However, students signing up for more than 3 AP courses in one year must get parental approval. Beyond preparing students for the rigors of college, advanced placement provides the following benefits:

- Positive impact on one's transcript
- Possible exemption from core courses from one's college or university
- Possible academic credit from one's college or university
- Possible placement in an honors program at one's college or university

### **College Credit Courses**

College credit courses provide academically motivated students the opportunity to take university courses while still in high school. These challenging, fast paced 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.

### **Level 1: Honors Level**

- Students must show evidence of strong individual motivation and achievement.

- Students demonstrate the ability to work independently, show understanding of abstract concepts and critical analysis through classroom work and outside assignments.
- Daily homework is required. Testing and other forms of formal assessments are integral parts of each course.
- Students working at this level are expected to maintain the accelerated pace required to cover the course material as described in the syllabus.

### **Level 2: College Preparatory**

- There is continual emphasis on the development of abstract concepts, critical analysis, and independent learning.
- Testing and other forms of formal evaluations are integral parts of each course. Students working on this level are expected to maintain the pace required to cover the course material as described in the curriculum guide.
- Daily homework is required.

### **Level 3: Academic Level**

- Concepts are developed through a more hands-on approach emphasizing the essential skills within the specific subject.
- Frequent homework is required.
- There are formal and informal assessments of students' achievement.
- Work is planned to meet individual and group needs.

*Please note: Students succeeding in higher level courses are not permitted to enroll in level 3 courses in the same content area unless the course is an elective course offered only at this level. Succeeding is defined as achieving a numerical grade of 70 or a letter grade of C-.*

## **POLICY ON CHANGE OF PROGRAM**

It is essential that students and parents put sufficient time and thought into the process to assure a satisfactory program. A great deal of time and effort on the part of the staff is devoted to developing an individual program for each student. Also, class size and teacher assignments are determined by student enrollment. As a result, there are few legitimate reasons for making program changes once the school year begins. All programs should be selected with the idea of completion in mind. Trying a subject and then dropping it is not permitted.

School counselors will make changes only for the following reasons:

1. Incomplete schedule or insufficient credits
2. A course scheduled in error by the school
3. A course failed in June
4. The result of successful completion of summer school
5. A level change approved by the teacher, department head, administrator and parent

A Withdraw Fail (WF) grade will be received for dropping a course after the first 5 weeks of school, for reasons other than those stated above.

## **CREDITS FOR GRADUATION**

Courses passed must total a minimum of 25 credits.

Courses shall be distributed in the following manner:

- English – 4 credits
- Social Studies – 3 credits (1 credit World History, 1 credit U.S. History)
- Civics - .5 credit
- Mathematics – 3 credits (Accounting may fulfill one credit of this requirement)
- Science – 3 credits (1 credit Biology)



- Physical Education – 1.5 credits
- Health Education – .5 credit (1 semester)
- Fine Arts – .5 credit (Art, Music or Theater Arts)
- Applied Studies – 1 credit (.5 Personal Finance)
- Digital Technology – 1 credit (see list below)
- Approved and Documented Service Learning - .5 credit (60 hours required)
- Capstone Program – 1 credit (.5 junior and senior year)
- Elective courses – 5.5 credits

The following courses count towards computer course requirements:

910140	Digital Biology
910147	Academy Tech 41
900009	Advanced Digital Arts
910017	Architectural Design
910015	Video Production I
910018	Adv. Cinema/Video Production
902015	Computer Info Systems & Applications
902119	Computer Science
905148	Digital Music
900040	Digital Photography 12
902001	Graphic Design
902012	Graphic Design II
903024	Journalism II
910025	Computer Aided Drafting and Design
910010	Mechanical Design II
902003	Photoshop 22
910150	Robotics
925001	Virtual High School
902000	Web Design 12
901019	Yearbook Design 42
902119	Computer Science
902120	A.P. Computer Science
905146	Recording Studio

All students are expected to enroll in additional courses to meet the number of credits required for graduation. All students must pass courses that are used to satisfy graduation requirements with a minimum grade of D- (60). Please see the Bethel High School Graduation Chart on page 80 of this program.

It is the policy of the Board of Education that participation in graduation ceremonies be limited to students who have satisfied the above requirements.

**The student is responsible for taking the required and elective courses necessary to fulfill all graduation requirements.**

## **FOUR-YEAR PROGRAM OF STUDIES REQUIREMENTS**

### **Grade 9**

#### **Required Courses:**

- English 11 or 12 (1 credit)
- Mathematics (1 credit)
- Biology 11, 12 or Digital Science 12 (1 credit)
- World History 11 or 12 (1 credit)
- Physical Education (.5 credit)

- Health Education (.5 credit)
- Capstone

**Suggested:**

- Elective courses totaling 2 credits to meet graduation requirements, pursue goals, and explore individual interests (1 credit in a world language is recommended)
- The administration strongly encourages all freshmen to consider taking one learning lab each semester in order to make a smooth transition to the high school.

**Grade 10**

**Required Courses**

- English 21 or 22 (1 credit)
- Mathematics (1 credit)
- Science (1 credit)
- World History 21 or 22 (1 credit)
- Physical Education (.5 credit)
- Capstone

**Suggested:**

- Elective courses totaling 3 credits to meet graduation requirements, pursue goals, and explore individual interests (1 credit in a world language is recommended, .5 credit in a civics section is recommended)

**Grade 11**

**Required Courses**

- English: AP Language, 31, 32 or American Studies (1 credit)
- Mathematics (1 credit)
- Science (1 credit)
- U.S. History: AP, 32 or American Studies (1 credit)
- Physical Education (.5 credit)
- Completion of Service Learning requirement (.5 credit)

**Suggested:**

- Elective courses totaling 3 credits to meet graduation requirements, pursue goals, and explore individual interests (1 credit in a world language is recommended)

**Grade 12**

**Required Courses**

- English: AP Literature, or any two senior elective English classes (1 credit)
- Capstone: Students are to be enrolled in a semester long Capstone course in order to receive assistance with their project. (.5 credit)

**Suggested:**

- A Senior Option
- It is highly recommended that all students considering going on to a 2 or 4 year school should take 1 credit in mathematics, 1 credit in science and 1 credit in social studies
- Elective courses totaling 6 credits to meet graduation requirements, pursue goals, and explore individual interests

Please see the Bethel High School Graduation Chart.

**PREREQUISITES**

Because of the sequential nature of certain courses and the necessity of establishing a firm foundation prior to moving onto more advance work, certain courses require prior preparation. Students must satisfy the prerequisites of a course before taking that course.

The recommended criteria for honors level courses are the following:

1. Recommendation of the current teacher
2. A grade of B+ or higher in the current content area course

The recommended criteria for college preparatory level courses are the following:

1. Recommendation of the current teacher
2. A passing grade in the current content area course

The recommended criterion for academic level courses is the recommendation of the current teacher.

Course level recommendations represent the professional judgments made by teachers. These judgments are based on test and performance data. The school expects that the level recommendations made by teachers will be accepted and that the student will register for the recommended courses.

## **SEMESTER COURSES AND THE AWARDING OF CREDIT**

Bethel High School uses a semester system; this means that credit is awarded at the end of each semester. If a student is enrolled in a yearlong course, the student must pass both semesters to receive full credit for the course. If he/she passes only one semester, then he/she will receive credit only for the semester that was passed.

If the yearlong course is a graduation requirement, both semesters must be passed to receive full graduation credit. Also, a student who signs up for a yearlong course may not drop the course after the first semester.

## **PROMOTION REQUIREMENTS**

Promotion to:      Required Credits for Promotion:

Grade 10	5.0
Grade 11	11.0
Grade 12	17.0

Failure to achieve the required number of credits for promotion will result in a change in the student's class assignment, for example from the Class of 2017 to the Class of 2018.

## **DISTRICT PERFORMANCE STANDARDS**

The District Academic Performance Expectations are defined in general terms and students shall have the opportunity to demonstrate competency in one of several formats.

A. Reading, Writing, Science, and Mathematics Performance Expectations

1. Summary of Performance Expectations

- a. Reading and Writing - Students shall develop and communicate informed opinions and logical arguments by interpreting and evaluating literary and informational texts across the disciplines.
- b. Science - Students shall apply core content knowledge and scientific reasoning and communication skills in order to understand the natural world.
- c. Mathematics - Students shall apply algebraic reasoning, numerical, and proportional reasoning, geometry and measurement, and probability and statistics skills to solve real-world mathematical problems.

2. Demonstration of Performance Expectations in Science

Science - To meet the performance expectations in Science, the student shall achieve at least Proficiency (level 3) on the Science section of the CAPT in his/her sophomore year; or Successfully complete an approved semester elective course within the Science department in addition to the 3 units of Science required for graduation during the junior or senior year; or Successfully complete a semester course, Science Standard Prep, during the junior or senior year designed to remediate specific weaknesses evidenced by student's performance on the Science section of CAPT and prepare students for the science skills they will need after graduation.

**For more details, please see Bethel Board of Education Policy # 6146.**

## GRADING SYSTEM

Letter Grade	Numeric Equivalent	Median	Letter Grade	Numeric Equivalent	Median
A+	97-100	98	D+	67-69	68
A	93-96	95	D	63-66	65
A-	90-92	91	D-	60-62	61
B+	87-89	88	F	59 and below	55
B	83-86	85	P	Pass	
B-	80-82	81	I	Incomplete	
C+	77-79	78	M	Medical	
C	73-76	75	W	Withdrew	
C-	70-72	71	WF	Withdraw Fail	

## HONOR ROLE

A minimum of 6 courses must be carried to qualify for the Honor Roll. The honor roll is calculated using a non-weighted system. To determine the GPA for honor roll, divide the median total (please see the grading system chart above) by the total number of credits taken.

**Distinguished Honors:** Average of 93.0 or better in each course.

**High Honors:** Average of 90.0 or better with no mark below "B-"

**General Honors:** Average of 85.0 with no mark below "C+"

### Weighted Grade Point Average Scale

Grade Advanced	Percent	Academic	College Prep	Honors	
		Levels 3&5 Placement	Level 2	Level 1	
A+	97-100	4.00	4.33	4.83	5.33
A	93-96	3.67	4.00	4.50	5.00
A-	90-92	3.33	3.67	4.17	4.67
B+	87-89	3.00	3.33	3.83	4.33
B	83-86	2.67	3.00	3.50	4.00
B-	80-82	2.33	2.67	3.17	3.67
C+	77-79	2.00	2.33	2.83	3.33
C	73-76	1.67	2.00	2.50	3.00
C-	70-72	1.33	1.67	2.17	2.67
D+	67-69	1.00	1.33	1.83	2.33
D	63-66	0.67	1.00	1.50	2.00
D-	60-62	0.33	0.67	1.17	1.67
F	59 and below	0.00	0.00	0.00	0.0

## **WEIGHTED CLASS RANK POLICY**

All courses offered at Bethel High School have been assigned a level of instruction indicated by the second digit of the course title number (e.g. English 12 is level 2). Numerical values have been assigned to each final grade a student may earn at each level of instruction. The calculation of a student's weighted grade point average is used to determine a student's class rank. The WGPA is based on all courses receiving grades and reflects the weighting systems outlined above. Coursework taken at Bethel High School plus coursework taken outside of Bethel High School and approved by the administration is considered for class rank. WGPA is calculated by multiplying the assigned numeric value (determined by the course level and the mark received) by the number of credits for each course, adding these numbers together, and dividing by the total number of credits taken. Student class rank for members of the graduating class and the determination of the valedictorian and the salutatorian will be based on courses taken through the seventh semester.

## **SEQUENTIAL COURSES**

**In subjects taught in a sequence, such as world languages and mathematics, it is strongly recommended**

that a student not advance to the next course in the sequence unless he/she has earned at least a C- for the previous year's work. Students who receive a D+, D or D- in a sequential mathematics course should collaborate with their mathematics teacher to determine the most appropriate course. Students who receive a D+, D or D- in a world language course and wish to continue in the next sequential course should enroll in a summer school course or complete summer work as agreed upon with the head of the World Language Department; students should then pass a retake of the final exam with a minimum grade of C-.

## **INDEPENDENT STUDY**

Capable students with particular interests or abilities may be allowed to undertake an independent study. This kind of program is designed to meet an individual student's needs and talents. Independent study is not an alternative to regular courses required for graduation. Students must complete a proposal packet and complete a presentation at the end of the semester.

## **SPECIAL EDUCATION**

Students identified as having disabilities which significantly interfere with their learning in school and who qualify as eligible for identification under Individuals with Disabilities Act (IDEA), are provided specialized instruction. The Planning and Placement Team assesses the unique needs of the student, develops goals and objectives to meet those needs, and makes decisions as to the type and amount of services and the settings in which services will be provided to meet the needs of the student.

The instructional arrangements through which special education is provided include the following:

- Collaborative Academics are courses co-taught by regular and special education teachers designed to benefit all the students in the class through a focus on both content and the application of learning strategies.
- Structured Study is a class designed to provide the opportunity for additional support to students through assistance with academics, monitoring of performance in classes, and the application of organizational skills.
- Writing courses are designed to provide specialized instruction in writing skills for students whose needs require additional skill practice to meet the writing demands of the content courses.
- Reading courses are designed for students with reading disabilities to teach the skills and strategies necessary to meet the reading demands in content courses.
- For students whose academic, emotional, or behavioral needs cannot be met through the regular education class offerings in specific subjects, special education teachers provide instruction in small group settings.
- Vocational Training provides job training suited to the needs, talents, and interests of students enrolled in the special education program. This training may lead to permanent employment upon graduation.

## ATTENDANCE

**Bethel High School believes that regular, on-time student attendance is the cornerstone of any student's education.** Irregular attendance, tardiness to school, and frequent early dismissals deprive students of critical educational opportunities which cannot be replicated with make-up work and which may cause students to fall seriously behind academically.

Parents and students must make every effort to keep school absences to a minimum. All absences from school or from classes are tracked using specific codes by the Attendance Alert System. Attendance Alerts are the mechanism for making parents and students aware that course credits may be in jeopardy due to poor attendance.

Please note, **loss of credit will occur at the eleventh absence.** In order to get course credit back, students will have to make an appeal to the Attendance Review Committee. For more specific details, please see Board of Education Policy 5113.

## SUMMER SCHOOL

If a student receives a grade between 50-59 (F) in any course or receives a summer school recommendation from his/her teacher, the student may attend summer school to make up the course and receive credit. Upon earning a passing grade in the summer school course, a "P" and the applicable credit will be added to the permanent transcript. If a course is not offered through Bethel Summer School, it may be taken at another area summer school with PRIOR administrative approval. Please note: financial assistance is not offered with summer school courses.

## SPECIAL OFFERINGS

**A variety of special course offerings and special programs are in place to help students succeed at Bethel High School, such as the P.M. Studies Program.**

Bethel High School has implemented TASK, an alternative education program. Bethel High School is continuing to develop new and innovative programs for each student to succeed. Special course offerings are attained through school counselor recommendations and must receive administrative approval.

## COLLEGE INFORMATION

In the course selection process it is important to create an individualized program of study with long-term goals in mind. Parents and students are encouraged to work together to map out a 4-year plan that ensures that the courses taken at Bethel High School are appropriate for each student's specific career/college aspirations. This plan should be reviewed each year during the course selection process and adjusted as interests and goals evolve. Admission requirements for colleges vary greatly, but general guidelines like those below can be very helpful for students planning their program at Bethel High School.

It is highly recommended that students consult with school counselors on a regular basis to both keep them informed about long-term plans and to draw on their assistance in researching post-secondary options. In addition to the School Counseling Department's sequential program of career/college exploration which begins freshmen year, students should begin to review school web pages early in their high school years to be sure that they are taking the number and types of courses that meet specific requirements for admission and consider college visits.

### **Most Competitive College and Universities**

- English – 4 credits
- Mathematics – 4 credits
- Lab Science – 3 credits
- Social Studies – 3 credits
- World Language – 3-4 years of the same language
- Electives in fine arts and practical arts

- Extracurricular activities that indicate leadership and initiative
- Rank in top 10-20%
- Grade Average A to B+
- SAT I: median scores between 655 and 800
- ACT: median score of 29 and above

#### **Highly Competitive College and Universities**

- English – 4 credits
- Mathematics – 3 or 4 credits
- Lab Science – 3 credits
- Social Studies – 3 credits
- World Language – 3 years of the same language
- Electives in fine arts and practical arts
- Extracurricular activities that indicate leadership and initiative
- Rank in top 20-35%
- Grade Average B+ to B
- SAT I: median scores between 620 and 654
- ACT: median score of 27 or above

#### **Very Competitive College and Universities**

- English – 4 credits
- Mathematics – 3 or 4 credits
- Lab Science – 2 or 3 credits
- Social Studies – 3 credits
- World Language – 2-3 years of the same language
- Electives in fine arts and practical arts
- Extracurricular activities that indicate leadership and initiative
- Rank in top 35-50%
- Grade Average B- or higher
- SAT I: median scores between 573 and 619
- ACT: median score of 26 and above

#### **Competitive College and Universities**

- English – 4 credits
- Mathematics – 3 credits
- Lab Science – 2 credits
- Social Studies – 2-3 credits
- World Language – 2 years of the same language
- Electives in fine arts and practical arts
- Extracurricular activities that indicate leadership and initiative
- Rank in top 50-65%
- Grade Average B- or better
- SAT I: median scores of 563 and above
- ACT: median score of 24 and above

#### **Less Competitive College and Universities**

- English – 4 credits
- Mathematics – 3 credits
- Lab Science – 2 credits
- Social Studies – 2-3 credits
- World Language – 2 years of the same language
- Electives in fine arts and practical arts
- Extracurricular activities that indicate leadership and initiative
- Rank in top 65%
- Grade Average C
- SAT I: median scores of 500 and above
- ACT: median score of 21 and above

#### **Non-Competitive College, Universities and Community Colleges**

- Evidence of graduation, High School Diploma

## **COLLEGE and CAREER CENTER**

The College & Career Center (CCC) is open five days a week as a resource to assist all students in their post high school planning. Throughout the school year, college admissions representatives will visit the CCC for informational meetings with students. Other resources available include brochures, course catalogs and books from many colleges, as well as information on careers and military service. Students can also find registration and testing materials for the ACT and SAT tests. Students can get assistance with access to Naviance Family Connection and may use the computers to conduct online college and career exploration. The CCC Coordinator is available to meet individually with students to assistance with college exploration, applications, scholarships, etc.

## **NCAA ELIGIBILITY**

For all information regarding NCAA eligibility, please visit the NCAA Eligibility Center website at: [http://fs.ncaa.org/Docs/eligibility\\_center/Quick\\_Reference\\_Sheet.pdf](http://fs.ncaa.org/Docs/eligibility_center/Quick_Reference_Sheet.pdf)

## **EARNING COLLEGE CREDIT IN HIGH SCHOOL**

One major initiative of Bethel High School is to provide students with a multitude of opportunities to earn college credit while still in high school. Earning college credit while in high school allows students to save money on future college tuition, graduate college earlier, experience the rigors of university courses and explore different majors.

Below is a list of ways that students are able to earn college credit while still attending Bethel High. We strongly encourage all students to take advantage of one or more of these offerings. Descriptions of courses can be found within the Program of Studies.

### **Advanced Placement Course at BHS:**

AP Art History	AP Biology
AP Calculus AB	AP Calculus BC
AP Chemistry	AP Environmental Science
AP French	AP European History
AP US History	AP Human Geography
AP Music Theory	AP Literature and Composition
AP Physics B	AP Psychology
AP Spanish	AP Statistics
AP Studio Art	AP Language and Composition

### **Western Connecticut State University Early College Program:**

The Early College Program allows students to receive college credits for successfully completing challenging courses, approved by WCSU as being equivalent to courses offered at the college level, with a grade of C or better in high school. The credits would appear on a WCSU college transcript, which transfer to most colleges and universities. Students must complete an application and are charged a fee to participate. For the 2015-2016 school year, students were charged a flat fee of \$100 for each course they applied for each semester. WCSU also limited the number of courses that could be applied for to two per semester. To receive credit for Calculus 1, students must also take the WCSU Calculus I final exam.

AP Calculus AB	AP Calculus BC
AP Statistics	Calculus 42
College Sociology	EMT
Statistics 42	Spanish Film

The university reserves the right to change requirements.



**University of Connecticut Early College Experience Program:**

The University of Connecticut 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 students must successfully complete the course with a grade of C or better in order to receive university credit. University credits are highly transferable to other universities. For the 2016-2017 school year, students were charged a \$35/credit fee for each course and a \$20 processing fee for each course. In order to be eligible for this college credit, students must abide by the registration guidelines set forth by UCONN, in addition to the BHS course enrollment process. The UCONN registration process involves a two-step online application and enrollment process in addition to paper registration forms. Students will be expected to follow through and complete the application and enrollment process independently in order to receive the credit. Any students that decide to add or drop a course after this date are subject to an additional \$25 processing fee. For additional information visit: <http://www.ece.uconn.edu>.

- College History
- Drawing II
- AP Spanish
- AP French
- Digital Media Foundations
- Essentials of Economics
- AP Physics I & AP Physics II

**Naugatuck Valley's College Career Pathways (CCP) Program:**

The Career Pathways Program allows students to experience college-level classes and earn college credit while taking specific classes at BHS. By participating in this program, students can earn college credits through NVCC that can be transferred to other colleges and universities. Students who are enrolled in this program become part-time students at NVCC and the college pays the tuition expenses (student fees are also waived). There are specific courses that are part of this program and students are required to apply for admission to the program by completing a paper registration form that includes signatures from the student, teacher, and parent. The following courses will be taught at BHS as part of the NVCC CCP program, **pending final approval by NVCC in the spring of 2017:**

- Intro to Business
- Marketing I

**In Addition:**

Advanced Placement Courses offered through Virtual High School

Take Western Connecticut State University Courses at the campus

Take Naugatuck Valley Community College Courses at the campus

## **BHS PATHWAYS**

We are pleased to announce that Bethel High School will be introducing a Pathway Program. The Pathways are designed to connect students with specific interests to a concentration of study. Furthermore, they allow students to increase their depth of knowledge, participate in internships and or other varied experiences and provide them with an opportunity to earn a certificate upon graduation. The first two Pathways to be launched during the 2016-17 school year will be in the areas of Education and Global Studies. It is Bethel High School's goal to add more Pathways over the coming years. If you have further questions, please see your counselor or administrator for more specifics.

## **BHS SENIOR OPTIONS**

In order to provide seniors with a more meaningful senior year, Bethel High School offers seniors a variety of opportunities to earn credits outside of the high school. The Bethel School System believes that seniors should begin to make the transition to life after high school. The goal of these offerings is to provide seniors the opportunity to earn college credits, explore career choices and to expand their horizons. Bethel High School encourages seniors to take advantage of these offerings in order to facilitate the transition to life after high school. Seniors enrolled in a Senior Option must carry a minimum of seven credits. If enrolled in a Senior Option, students will have periods seven and eight available to leave BHS in order to participate in the activities that are offered. Pending administrative approval, students may also forgo periods one and two to participate in the activities. In order for seniors to qualify for a Senior Option, they must be a senior in good standing, receive approval from their school counselor, and meet all requirements described in the course descriptions. Students may register for one or two semesters for each of the Senior Option courses.

**Classes at Western Connecticut State University** **.5 Credit**  
**925021** **One Semester**

**Prerequisite: None**

**Open to: Grade 12**

**Course Description:** Students are encouraged to take classes at Western Connecticut State University (Westconn). Through an ongoing partnership with the University, Bethel students can take courses at a 40% reduced rate. This unique opportunity not only allows students to receive high school credit, but it also allows them to receive college credit and introduces them to the university experience. Enrollment in courses at Western also provides students with the opportunity to attend shows, and use the facilities at the University.

**Cooperative Work Study Program** **1.5 Credit**  
**901050** **One Year**

**Prerequisite: Approval of Administrator**

**Open to: Grade 12**

**Course Description:** The Bethel High School Work Study Program will provide selected, responsible seniors a transition from school to work while still in high school. The Work Study program is made up of two components – classroom learning and work-based learning experiences. Students earn high school credit for the work-based learning experiences as well as the classroom-based learning experiences for the year. Students may use their current job and must submit online academic work as well as attend all classroom instruction. The Work Study program is open to seniors at BHS interested in learning about the world of work. Signature from Administrator is needed for enrollment.

**Naugatuck Valley Community College High School** **.5 Credit**  
**Partnership Program** **One Semester**

**925031**

**Prerequisite: None**

**Open to: Grades 11, 12**

**Course Description:** Bethel High School juniors and seniors are eligible to register for courses at Naugatuck Valley Community College (NVCC). Registration for courses is through the BHS School Counseling Department. College credits earned in this program can be used to meet BHS graduation requirements, as well as possibly transferring to other colleges. Course offerings for each semester can be found through the Connecticut Community Colleges website ([www.my.commnet.edu](http://www.my.commnet.edu)). Community College enrollment has been on the rise over the past 2 years. By taking college level courses as a junior or senior in high school, students gain insight into the rigors of college and earn both high school and college credit.

**Student Internships** **.5 Credit**

925011

Semester

**Prerequisite: Approval of Coordinator**

**Open to: Grade 12**

**Course Description:** The Bethel High School Internship Program will provide a structured, meaningful, independent internship experience for senior students. The program will allow students to intern in local businesses and non-profit organizations so that they may explore potential careers and courses of study, realize what is expected of them in the business world, and be able to make good decisions about their future career choices. The emphasis of this program is on career exploration through internship tasks correlated with specific skills and competencies, job shadowing, and reflection through journal entries; therefore students may not use their part-time job as an internship. Along with the internship experience each student will be responsible for bi-weekly journal questions, calendars, and a final presentation. Interns will need to be interviewed by the Coordinator to determine interests and placement. Transportation is the responsibility of the student. A minimum of sixty hours is required per semester to receive .5 Carnegie units. Coordinator signature and interview is required for enrollment.

**Virtual High School**

**.5 Credit**

925001

**One Semester**

**Prerequisite: Approval of Coordinator**

**Open to: Grade 12**

**Course Description:** The Bethel School System encourages students to enroll in the Virtual High School program (VHS, Inc.). Virtual High School provides students with the unique opportunity to take courses in subject areas in which they have a high interest. VHS, Inc. also provides students with the opportunity to take Advanced Placement courses that Bethel High School is unable to provide. VHS, Inc. uses the Internet as the primary vehicle for instruction. Students are expected to spend the equivalent of one class period per day on the VHS site to meet the course requirement. Students enrolled in VHS, Inc.'s courses will receive .5 Carnegie Units per semester. For more details, students and parents should go to <http://www.govhs.org/>.

For a list of VHS courses please follow the link:

This course fulfills .5 of the 1 computer credit needed for graduation.

*It is the student's responsibility to be enrolled in the courses that meet graduation requirements. Both administrative and parental authorization is required to participate in a Senior Option. Be advised, students who register for a Senior Option and then opt out will be given whatever classes are still available at BHS.*

## **CAPSTONE**

**Program Description:** *The BHS Capstone Program is a four-year program that is a 1 credit graduation requirement. Throughout the Capstone Program, students will complete personality and interest inventories, conduct career explorations and reflect on possible future careers. Many of these activities will take place in academic classes, advisories and school counseling developmental guidance workshops. Students are awarded .5 credits in both their junior and senior years for completing specific tasks and assignments.*

**Freshman year** students will conduct career explorations and update their Student Success Plan.

*During freshmen year students will complete:*

- *Strengths Explorer*
- *the 9th grade Student Success Plan survey*

**Sophomore year** requirements will include career exploration and updating the Student Success Plan. Other specific tasks will help guide the student in the direction of their capstone project.

*During their sophomore year students will complete:*

- *a career interest profiler*
- *a 10th grade Student Success Plan survey*
- *a Career Pathways Day*

**Junior year** requirements include tasks and activities to help guide students toward choosing a Capstone pathway. Students will participate in Career Pathways Day in the spring, complete a career research paper in English class and will review their student success plan and write a project proposal paper in their history class. By the close of junior year, students will have selected their capstone pathway for their senior year. To receive the .5 credit towards their 1 credit capstone requirement, students must complete:

- the Career Research Paper
- the Project Proposal

**Senior year** students will have chosen a pathway and will focus on completing their capstone project. Students will be enrolled in a semester capstone course in order to provide support and direction for their project. Students will be required to create a project/experience that focuses on an interest, career path or academic pursuit that aligns with their Student Success Plan and demonstrates their ability to apply the knowledge and skills they acquired during their high school career. To receive .5 credits toward their 1 credit capstone requirement students must successfully complete and present their culminating project during their senior year to a capstone committee.

## **NEW COURSE OFFERINGS**

**The following courses are being offered for the first time or being brought back. Please locate the course in its respective department for its specific description.**

Contemporary Fiction - 903051  
Sports Literature - 903052  
Gender Studies - 903053  
The Creative Process - 903054  
Science Fiction/Fantasy Literature - 903055  
Advanced Writing – 903056  
Ukulele - 905062  
Digital Spanish B - 912138  
Recording Studio - 905146  
Adaptive Music- 905037  
CADD- 910002

# BETHEL HIGH SCHOOL GRADUATION REQUIREMENTS

(25 Total Credits Needed)

Minimum Requirements	Grade 9 Courses	Grade 10 Courses	Grade 11 Courses	Grade 12 Courses	Total Credits
English 4 Credits					
Social Studies 1 U.S. History Credit 1 World History Credit 1 Other History Credit					
Civics .5 Credits					
Mathematics 3 Credits					
Science 1 Biology Credit 2 Other Science Credits					
Physical Education 1.5 Credits					
Health Education .5 Credits					
Fine Arts .5 Credits					
Applied Studies .5 Personal Finance .5 Other Credit					
Digital Technology 1 Credit					
Service Learning 60 Hours (.5 Credits)					
Capstone Project 1 Credit					
Elective Courses 5.5 Credits					

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# Art

*The Art Department is committed to developing creative and critical thinkers who embrace the importance of making and appreciating visual art. The student artists of BHS have the unique opportunity to explore 20 different art courses, ranging from 2D to 3D, and including traditional arts like darkroom photography, as well as contemporary digital media, 2 AP & 2 UCONN courses.*

**Art I** **.5 Credit**  
**900000** **One Semester**

**Prerequisite: None**

**Open to: All**

**Course Description:** This foundation course focuses on two-dimensional design and studio work in drawing, painting, printmaking, sculpture and other media. Art history will be presented as it relates to the materials and techniques taught. Art I is a prerequisite for all art courses.

**OR**

**Adaptive Art I** **.5 Credit**  
**900000a** **One Semester**

**Prerequisite: None**

**Open to: All students interested in working collaboratively with other students in the art studio, and students interested in the Education Pathway.**

**Course Description:** This foundation course focuses on two-dimensional design and studio work in drawing, painting, printmaking, sculpture and other media. Art history will be presented as it relates to the materials and techniques taught. Art I is a prerequisite for all art courses.

**Art II** **1 Credit**  
**900101** **Full Year**

**Prerequisite: Art I**

**Open to: Grades 10, 11, 12**

**Course Description:** Art II is designed for further exploration of materials and concepts introduced in Art I. In this course students learn to identify and develop their personal aesthetics, and use art as a means of sophisticated expression and communication with their unique artistic voice.

**Drawing I** **.5 Credit**  
**900005** **One Semester**

**Prerequisite: Art I**

**Open to: All**

**Course Description:** This course features an in-depth study of different techniques and materials used in drawing. Emphasis is on observational skills, understanding perspective, and realizing proportion in the human figure. Critiques, art history, and sketchbook work are required components of the class.

**Drawing II (UCONN Art 1030)**  
**900035**

**.5 Credit**  
**One Semester**

**Prerequisite: Drawing I**

**Open to: Grades 10, 11, 12**

**Course Description:** This course provides time and technical assistance to those students that wish to work in drawing media at an advanced level. Emphasis will be placed on completing works using more sophisticated drawing techniques and a more individualized approach for assignments. Sketchbook work is required and a portfolio is due at the end of the semester. Students will have the opportunity to apply for UCONN college credit in the UCONN Early College Experience (ECE) program and should refer to the UConn ECE program materials for the registration process and related fees.

**Painting**  
**900006**

**.5 Credit**  
**One Semester**

**Prerequisite: Drawing I**

**Open to: Grades 10, 11, 12**

**Course Description:** This course includes instruction and experience in watercolor, acrylics, oils, and mixed media, color theory and related art history. Students will explore still life, landscape, portraiture and abstraction.

**Printmaking**  
**900007**

**.5 Credit**  
**One Semester**

**Prerequisite: Art I**

**Open to: All**

**Course Description:** Printmaking offers studio experience in relief methods (linoleum, woodblock, collagraph), lithography, and silkscreen printing. Other processes like monoprinting and etching will be explored. The history of printmaking is included.

**Craft Design**  
**900030**

**.5 Credit**  
**One Semester**

**Prerequisite: Art I**

**Open to: All**

**Course Description:** Students will explore basic skills, techniques and applications using materials and processes related to past and contemporary craft works. Projects could include weaving, paper-making, basketry, fiber arts, mosaics, glass, enameling, assemblage and jewelry making.

**Sculpture**  
**900004**

**.5 Credit**  
**One Semester**

**Prerequisite: Art I**

**Open to: All**

**Course Description:** Students create three-dimensional works and study artists using media such as plaster, clay, wood, paper-mache, pariscraft, wire, wax, found objects, soft sculpture and stone. Works are done in a variety of sizes from miniature to larger than life. Art history, critical analysis, problem-solving, and aesthetics are components of this course.



**Ceramics I** **.5 Credit**  
**900002** **One Semester**

**Prerequisite: Art I**

**Open to: All**

**Course Description:** This course includes instruction in different hand-building methods: pinch, slab, and coil. Students are also to use a potter's wheel. Art history, critical analysis, problem-solving, and aesthetics are components of this course.

**Ceramics II** **.5 Credit**  
**900003** **One Semester**

**Prerequisite: Ceramics I**

**Open to: Grades 10, 11, 12**

**Course Description:** Using basic techniques, students will build upon their knowledge and skills learned in Ceramics I. Students in Ceramics II develop and experiment with more sophisticated concepts: Such as scale and combination techniques. Further emphasis is placed on the potter's wheel.

**Digital Photography** **.5 Credit**  
**900040** **One Semester**

**Prerequisite: Art I**

**Open to: All**

**Course Description:** In this course students learn to use the digital camera and explore the technical aspects of an artistic digital photograph. Besides mastering the camerawork, students will use a photo manipulation program to enhance their work. This course fulfills .5 of the 1 digital technology credit needed for graduation.

**Beginning Photography** **.5 Credit**  
**900010** **One Semester**

**Prerequisite: Art I**

**Open to: Grades 10, 11, 12**

**Course Description:** In this course students develop ability in the use of the 35mm camera in order to explore the artistic and technical aspects of film photography. Students complete assignments designed to increase proficiency in film exposure, film development, and the making of a successful black and white print. Master photographers, critical analysis, problem-solving and aesthetics are important components of this course.

**Photography II** **.5 Credit**  
**900011** **One Semester**

**Prerequisite: Beginning Photography**

**Open to: Grades 10, 11, 12**

**Course Description:** This course is for students with a background in 35mm camera operation, film development and darkroom procedures. Assignments are designed with an emphasis on fine printing and the study of historical and aesthetic concerns, advanced hand coloring techniques and creative darkroom experimentation. Some of the assignments will be created digitally. Class time includes discussions, critiques, and a study of photographers who have shaped the medium.

**Photoshop Design  
902003**

**.5 Credit  
One Semester**

**Prerequisite: Art I**

**Open to: Grades 10, 11, 12**

**Course Description:** In this course Photoshop is used in the creation of original visual art. Students interested in pursuing a career in Graphic Design are recommended to take this course. This course fulfills .5 of the 1 digital technology credit needed for graduation.

**Digital Media Foundations (UCONN ECE)  
902023**

**.5 Credit  
One Semester**

**Prerequisite: Photoshop Design**

**Open to: Grades 11, 12**

**Course Description:** The main objective of this course is to provide students with basic skills, vocabulary, and understanding of various digital design software programs upon which they can develop, explore and expand. Students engage in a wide range of real-world projects in order to better understand the media and methodologies that form their foundation. Creating digital work is not so much about learning software, as it is about exploring new ways to share and communicate information. It is about thinking and imagining as well as making. As creative producers of content, students need to understand the effective uses of communication media and the ways in which information can be visualized and perceived by an audience. This course fulfills .5 of the 1 digital technology credit needed for graduation. Students will have the opportunity to apply for UCONN college credit in the UCONN Early College Experience (ECE) program and should refer to the UConn ECE program materials for the registration process and related fees.

**Honors Studio Art  
900114**

**1 Credit  
Full Year**

**Prerequisite: Drawing I**

**Open to: Grades 10, 11, 12**

**Course Description:** This course is recommended for students expecting to apply to art school or students who are extremely interested in the field. The course includes the development of portfolio samples and assignments that can be used for college applications and art portfolios. Art history, critique, problem-solving and aesthetics are components of this course. Work outside of class is necessary and expected.

**AP Studio Art  
900115**

**1 Credit  
Full Year**

**Prerequisite: Honors Art and signature of Art Coordinator**

**Open to: Grade 12**

**Course Description:** This course is recommended for seniors planning to attend art school or students who are extremely interested in the field. The course includes portfolio preparation, and the second semester is spent strengthening weaknesses and investigating mediums for the concentration portion of the AP Portfolio. Work outside of class, as well as museum and gallery visitation, is necessary and expected. The AP Studio portfolio exam is administered in May.

**AP Art History**

**900113**

**1 Credit**

**Full Year**

**Prerequisite: Art I**

**Open to: Grades 10, 11, 12**

**Course Description:** This course is a global and comprehensive look at art and its context to the world through the ages. Topics include popular subjects such as the Renaissance, African Art, Impressionism and Modern Art. The College Board Advanced Placement test given in May is required.

**Yearbook Design and Production**

**914108**

**1 Credit**

**Full Year**

**Prerequisite: Photoshop or Digital Photography or Beginning Photography and signature of Art Coordinator**

**Open to: Grades 10, 11, 12**

**Course Description:** Students plan, finance and produce the BHS *Wildcat* yearbook. Design, photography, digital editing skills, layout and salesmanship collectively form the basis for this unique and practical course. Leadership and teamwork are key functional components of the yearbook staff. This course is recommended for students seriously interested in taking on the exciting responsibility of creating a historical document for a wide audience. This course fulfills the 1.0 digital technology credit needed for graduation.

# Business Programs

**Business Fundamentals**  
**901026**

**.5 Credit**  
**One Semester**

**Prerequisite: None**

**Open to: All**

**Course Description:** Business Fundamentals is a survey course that introduces students to economics, business law and ownership structures, accounting, marketing, and entrepreneurship. Students examine the role of business in the context of the global economy and local communities. Instructors guide students in group activities, current events discussions, and field experiences to prepare students for successful participation in the workplace.

**Personal Finance**  
**901030**

**.5 Credit**  
**One Semester**

**Prerequisite: None**

**Open to: Grades All**

**Course Description:** Students will study important aspects of managing their personal finances. Students will learn how to draft financial smart goals, create a budget, manage credit responsibly, and save for the future. Topics include banking services, spending plans, borrowing decisions, and investments. Students will complete self-paced tutorials and participate in experiential learning activities that complement instruction. *Personal Finance is required for graduation.*

**International Business**  
**901018**

**.5 Credit**  
**One Semester**

**Prerequisite: Business Fundamentals or department approval**

**Open to: Grades 10, 11, 12**

**Course Description:** The International Business course is designed to give students a realistic look into the challenges of a global economy. Students will use case studies and current events to examine cultural spheres of influence, economics, and politics related to trade and markets, corporate strategy, communication, and ethics.

**Essentials of Economics (UCONN ECE)**  
**901034**

**.5 Credit**  
**One Semester**

**Prerequisite: Students must be enrolled in UCONN ECE Program**

**Open to: Grades 11, 12**

**Course Description:** This college-level course exposes students to the economic way of thinking. Students develop an informed perspective on global economic challenges by applying microeconomic models and macroeconomic theory to explain current topics in globalization, trade, and labor markets. Topics include opportunity cost, supply and demand fundamentals, market failure, and comparative advantage. Students should refer to the UConn ECE program materials for the registration process and related fees.

**Accounting I**

**1 Credit**

**901114** **Full Year**

**Prerequisite: A grade of C or better in previous math class**

**Open to: All**

**Course Description:** This course presents students with a basic knowledge of business organization, accounting concepts, and procedures. The course covers the fundamental principles of the accounting cycle, including analyzing business transactions, payroll, and preparing basic financial statements. The course will delve into spreadsheets, systems, and a “real world” simulation for a start-up company. This course meets the graduation requirement for one math credit and half a computer credit.

**Accounting III**

**1 Credit**

**901117**

**Full Year**

**Prerequisite: Minimum B- in Accounting I and teacher recommendation**

**Open to: Grades 10, 11, 12**

**Course Description:** Students will learn how to form businesses plans and evaluate their operating, financing, and investing decisions, as well as how accounting systems gather and provide data to internal and external decision makers. Topics include accounting information systems, debt and equity, financial ratios, and more. Students have the opportunity to take an exam at the end of the course for college credit.

**Marketing I: Fundamentals**

**1 Credit**

**901111**

**Full Year**

**Prerequisite: None**

**Open to: All**

**Course Description:** Fundamentals of Marketing is the introductory course in the marketing program which presents students with a basic knowledge of marketing. Students will explore marketing’s role in business, and they will learn about the concepts of promotion, selling, and product and service management. All students enrolled will be required to be active members of FBLA. This program requires a payment of annual dues. Students will be expected to participate in the state DECA competition and fill leadership roles in the FBLA organization.

**Marketing II: Applications**

**1 Credit**

**901112**

**Full Year**

**Prerequisite: None**

**Open to: Grades 10, 11, 12**

**Course Description:** This course is a continuation of the marketing track for students interested in majoring in marketing, finance, or business in college. Due to the curricular components of this course, all students enrolled will be required to be active members of FBLA. It requires a payment of annual dues. Students will be expected to participate in the state FBLA competition and fill leadership roles in the FBLA organization.

# Computer Application & Technology

**Computer Application for Business**  
**902015**

**.5 Credit**  
**One Semester**

**Prerequisite: None**

**Open to: All**

**Course Description:** Computer Applications for Business covers a number of common computer applications used within business and academic environments. These include word processing, spreadsheets, and presentation tools. Additionally, students will be required to complete keyboarding assessments to demonstrate improved technique and speed.

**Web Design**  
**902000**

**.5 Credit**  
**One Semester**

**Prerequisite: None**

**Open to: All**

**Course Description:** Web Design provides an introduction to the design, creation, and maintenance of web pages and websites using HTML, CSS, and various web design applications. Students will learn how to critically evaluate websites, create and maintain quality web pages, and manage projects against client requirements. Participants will create an electronic portfolio of work that demonstrates their progression from introductory web design to a complete website.

**Graphic Design I**  
**902001**

**.5 Credit**  
**One Semester**

**Prerequisite: None**

**Open to: All**

**Course Description:** This class will introduce students to the ethical and legal implications of image manipulation in the real world. It is designed to develop skills in graphic design principles, visual comps, peer review, and redesign. Students will be working in Adobe Photoshop and Illustrator. They will create an electronic portfolio of work that demonstrates their skill progression.

**Graphic Design II**  
**902012**

**.5 Credit**  
**One Semester**

**Prerequisite: Grade of C or better in Graphic Design I**

**Open to: All**

**Course Description:** This course is a continuation of the Graphic Design I. It develops skills in more advanced applications of graphic design as they relate to a business environment. Students will be working in the following Adobe products: Illustrator, Flash, Edge Animate, and In-Design. They will create an electronic portfolio of work that demonstrates their skill progression.

**Computer Science**  
**902119**

**1 Credit**  
**Full Year**

**Prerequisites: Web Design and Computer Applications for Business**

**Open to: Grades 10, 11, 12**

**Course Description:** Computer Science is an introductory course designed for students who have an interest in computer science, engineering, computer hardware systems, software design, and systems architecture. Upon completion of this course, students will have a better understanding of a variety of computer coding languages, hardware, and software systems and digital security.

**AP Computer Science**

**902120**

**1 Credit**

**Full Year**

**Prerequisites: Computer Science or any two of the following: Web Design, Graphic Design I or Computer Applications for Business. Algebra I is highly recommended.**

**Open to: Grades 11, 12**

**Course Description:** AP Computer Science is a college level course designed for students who have an interest in computer science, engineering, software design, and systems architecture. Upon completion of this course, students will be better prepared to pursue their goals in a career or college setting.

# English

*The English Department is committed to producing great readers, writers, researchers, and critical thinkers. At the end of four years, our students will know how to argue effectively, speak eloquently, and think analytically. Our students will know how to use their voice and imagination as they write for different audiences and purposes. Our students will read a variety of literature that will encourage them to question the world around them and ponder the complexities of the human condition. When students leave Bethel High, it is our hope that they will appreciate the power of language, respect the craft of writing, and continue to be lifelong learners.*

## **English 11**

**1 Credit**

**903101**

**Full Year**

**Prerequisite: 8<sup>th</sup> grade teacher recommendation required**

**Open to: Grade 9**

**Course Description:** English 11 is an accelerated pre-AP course designed to provide enriched opportunities for academic excellence to highly motivated and competent students. The curriculum emphasizes analytical thinking, creative inquiry, collaborative and independent learning, leading to a strong foundation for AP coursework. This course also provides an intensive study of vocabulary and composition. Students will learn to identify thematic concepts, analyze prose and poetry, and develop speaking skills. Students read three books for summer reading. This is a full year course and earns the student one credit.

## **English 12**

**1 Credit**

**903102**

**Full Year**

**Prerequisite: 8<sup>th</sup> grade teacher recommendation required**

**Open to: Grade 9**

**Course Description:** English 12 is designed to increase and refine students' reading, writing, and communication skills. Emphasis is placed on developing higher order thinking skills, including analysis, synthesis, and creative inquiry. Students focus on thematic concepts of *Identity and the Individual's Role in Society* through exploration of selections from a variety of genres and mediums. An emphasis on the writing process further develops composition skills as students plan, draft, revise, and reflect on their written work. This is a full year course and earns the student one credit.

## **English 21H**

**1 Credit**

**903105**

**Full Year**

**Prerequisite: English 11 and teacher recommendation**

**Open to: Grade 10**

**Course Description:** English 21 is an accelerated pre-AP course designed to provide enriched opportunities for academic excellence to highly motivated and competent students. The course extends the work initiated in English 11, furthering a student's preparation for AP coursework. Students are introduced to various literary lenses to broaden their interpretation of the literature read. A focus on the elements of argumentation support students recognition of the power of



rhetoric. Students read three books for summer reading. This is a full year course and earns the student one credit.

**English 22**

**903106**

**1 Credit  
Full Year**

**Prerequisite: English 12**

**Open to: Grade 10**

**Course Description:** English 22 is designed to reinforce and refine the skills taught in English 12. Emphasis is placed on developing higher order thinking skills, including analysis, synthesis, and creative inquiry. Students focus on thematic concepts of *Choices and Challenges* through exploration of selections from a variety of genres and mediums. Students are expected to demonstrate facility with the writing process as they engage in a variety of writing forms, such as literary analysis, argumentation, research, and creative writing. This is a full year course and earns the student one credit.

**A.P. Language and Composition**

**903160**

**1 Credit  
Full Year**

**Prerequisite: English 21 or 22 and teacher recommendation**

**Open to: Grade 11**

**Course Description:** This college-level course is intended for highly motivated and skilled juniors who have a desire to become more proficient readers, writers, and thinkers. The focus of the course is on rhetoric, argumentation, and analysis. Students will produce expository, analytic, argumentative, and reflective essays. There will also be an intense focus on language use in order to enhance a student's ability to use grammatical conventions appropriately and with sophistication. There are three required summer reading texts with accompanying written assignments. Throughout the year, students will become familiar with the format of the Advanced Placement examination through practice exercises and assignments. Students are required to take the College Board's Advanced Placement test in May. This is a full year course and earns the student one credit.

**English 31H**

**903109**

**1 Credit  
Full Year**

**Prerequisite: English 21 or 22 and teacher recommendation**

**Open to: Grade 11**

**Course Description:** English 31 is an accelerated course designed to provide enriched opportunities for academic excellence to highly motivated and competent students who are capable, independent learners. The course extends the work initiated in English 21, with an emphasis on rhetoric and the craft of writing to aid in developing authentic student voices. Students are expected to facilitate class discourse and engage in reflective practices. The course content focuses on American works from various mediums, including three books for summer reading. This is a full year course and earns the student one credit.

**English 32**

**903110**

**1 Credit  
Full Year**

**Prerequisite: English 22 and teacher recommendation**

**Open to: Grade 11**

**Course Description:** English 32 is designed to refine and extend the skills taught in English 22, with an emphasis on developing higher order thinking skills, such as analysis, synthesis, creative inquiry, and evaluation. A variety of American works are used to explore thematic concepts including *The American Dream, Truth in Storytelling, and the Personal Journey*. Students are expected to demonstrate facility with the writing process as they engage in various writing forms, such as literary analysis, argumentation, research, and creative writing. This is a full year course and earns the student one credit.

**American Studies**

**1 Credit**

**English 32**

**Full Year**

**903150**

**Prerequisite: English 21 or English 22 and teacher recommendation**

**Open to: Grade 11**

**Course Description:** American Studies is a multi-disciplinary, concept-based study of American narratives through the use of artifacts (primary source documents, novels, poems, visual arts, etc). Using the study of rhetoric, thematic connection, analysis, and reflection, American Studies fuses the English and Social Studies disciplines. Key questions about the American experience further unify the course. The course emphasizes rhetoric and the craft of writing to develop authentic student voice. A fully integrated instructional approach is utilized. This is a full year course and earns the student one credit.

**SENIOR YEAR ENGLISH OPTIONS**

**AP English Literature and Composition**

**1 Credit**

**903151**

**Full Year**

**Prerequisite: Teacher recommendation**

**Open to: Grade 12**

**Course Description:** AP Literature and Composition is a college-level course intended for highly motivated and skilled seniors. The range of texts explored are from various time periods and places, including three books for summer reading. Many of these pieces will be approached through critical lenses such as: archetypal, deconstructive, and gender. The course provides the intellectual challenges and workload consistent with a typical undergraduate English literature course. Students are required to take the Advanced Placement test in May. This is a full year course and earns the student one credit.

**Advanced Writing**

**.5 Credit**

**903027**

**One Semester**

**Prerequisite: English 31, 32, American Studies-English, or A.P. Language and Composition**

**Open to: Grade 12**

**Course Description:** This course is offered to seniors. It focuses on skills and conventions of writing and composition. Students will write in the creative, argumentative, expository, editorial, cause and effect, and narrative modes. Additionally, they will learn how each mode should be applied on the practical and academic levels during post-secondary life. This is a semester course and earns the student a .5 credit.

**Gender Studies** **.5 Credit**  
**903053** **One Semester**

**Prerequisite:** English 31, 32, American Studies-English, or A.P. Language and Composition

**Open to:** Grade 12

**Course Description:** Gender Studies is offered to seniors who are interested in exploring issues of gender from historical and current perspectives through reading and writing activities. Students explore the concepts of gender and identity throughout global cultures and current affairs, with poems, plays, literature, films, music, and art ranging from the Middle Ages to the present day. Opportunities for creative writing, research projects, and self-reflection will be prevalent. This is a semester course and earns the student a .5 credit.

**Honors Literature** **.5 Credit**  
**903056** **One Semester**

**Prerequisite:** English 31, 32, American Studies-English, or A.P. Language and Composition

**Open to:** Grade 12

**Course Description:** Honors Literature is an accelerated literature course designed for students who excel in this discipline and who are capable, independent learners. Students focus on the thematic concept of *Power and Responsibility* through the exploration of classic and contemporary World literature, including three books for summer reading. Students are expected to demonstrate facility with the writing process and produce essays of both literary analysis and explication. Close reading, critical thinking, and debate skills will be emphasized. This is a semester course and earns the student a .5 credit.

**Out With the Old, In With the New:**

**An Exploration of Contemporary Literature** **.5 Credit**  
**903051** **One Semester**

**Prerequisite:** English 31, 32, American Studies-English, or A.P. Language and Composition

**Open to:** Grade 12

**Course Description:** Contemporary Literature is offered to seniors. A selection of contemporary world literature (post 1960) will empower students to develop their knowledge of modern literature through the study of engaging genres, themes, and influences across various cultures. This course allows students the freedom to explore the current literary climate and think critically about the diverse cultural influences reflected in recent literature. This is a semester course and earns the student a .5 credit.

**“Quest to the Future”: Science Fiction and Fantasy Genre Study** **.5 Credit**  
**903055** **One Semester**

**Prerequisite:** English 31, 32, American Studies-English, or A.P. Language and Composition

**Open to:** Grade 12

**Course Description:** This course is offered to seniors. Students read a selection of science-fiction/fantasy texts that represent the best of the genre and explore common archetypes and concepts, such as man versus technology, dystopian societies, the hero’s quest, and space odysseys. The course also explores how these works reflect the struggles and advancement in our postmodern society. Students have the opportunity to write creatively in this genre as well as

research how modern science, technology, and government reflect predictions made by fantasy and science-fiction authors. This is a semester course and earns the student a .5 credit.

**Sports Literature: Profiles in Leadership, Perseverance, and Diversity** **.5 Credit**

**903052** **One Semester**

**Prerequisite: English 31, 32, American Studies-English, or A.P. Language and Composition**

**Open to: Grade 12**

**Course Description:** This course is offered to seniors. Students will be reading a selection of famous biographies, short stories, novels, poetry, nonfiction, and film that represent the transcendent and unifying nature of sports. Students will explore common cultural themes through various time periods and mediums that underscore the cultural impact of sports and sports figures. Issues such as gender, race, and idolatry are analyzed through a whole new paradigm. The development of leadership skills and accompanying traits of perseverance, integrity, and a growth mindset will be explored as well. This is a semester course and earns the student a .5 credit.

**The Creative Process** **.5 Credit**

**903054** **One Semester**

**Prerequisite: English 31, 32, American Studies-English, or A.P. Language and Composition**

**Open to: Grade 12**

**Course Description:** This course is offered to seniors. Students explore the creative process as it relates to various mediums, including photography, film, poetry, drama, screenplay, and different movements in art. The course culminates in the creation of portfolios consisting of original works, including one-act plays, poetry, screenplays, and narratives that will share their voices and visions. This is a semester course and earns the student a .5 credit.

**ELECTIVES OPEN TO ALL**

**Creative Writing** **.5 Credit**

**903013** **One Semester**

**Prerequisite: None**

**Open to: Grades 10, 11, 12**

**This course is taken in addition to the full-year courses in Grades 10 and 11. It does not satisfy the grade 12 English requirement.**

**Course Description:** Creative Writing is recommended for students who wish to further their interest in writing. Through the course, students develop their writing voice while learning skills related to poetry, fiction, and drama. Students engage in collaborative practices which requires them to share their original work at various stages of development and to provide constructive feedback to their peers. Students maintain a portfolio that highlights their strongest pieces. This is a semester course and earns the student a .5 credit.

**Film As Literature** **.5 Credit**

**903016** **One Semester**

**Prerequisite: None**

**Open to: Grades 10, 11, 12**

**This course is taken in addition to the full-year courses in Grades 10 and 11. It does not satisfy the grade 12 English requirement.**

**Course Description:** Film As Literature is a study of cinema from a variety of different genres. Students will be required to familiarize themselves with the artistic and technical sides of filmmaking and to draw parallels between cinematic technique and literary elements. This expression shall come through a variety of assessments including, but not limited to, essays of various length, class participation, journal responses, and projects. This course shall further develop communication skills as students will cite strong evidence to support analysis. They will use an effective range of collaborative discussions to promote a more thoughtful understanding of cinema as an increasingly integral part of our culture. This is a semester course and earns the student a .5 credit.

**Fundamentals of Theater**

**.5 Credit**

**905050**

**One Semester**

**Prerequisite: None**

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

**This course is taken in addition to the full-year courses in Grades 9, 10 and 11. It does not satisfy the grade 12 English requirement.**

**Course Description:** This class is recommended for students with an interest in drama and its performance, as well as for students who are looking to develop their confidence with public presentation. The class will have a strong emphasis on both the production and performance of live theater. Basic acting skills will be developed through improvisation, monologues, and scene study. Students will learn about various styles of theater and the roles of various theater artists (actors, designers, directors). Authentic experiences will culminate with the development and production of an original Unified Theater show presented during the school year. This is a semester course and earns the student a .5 credit.

**Journalism I—Introduction**

**.5 Credit**

**903014**

**One Semester**

**Prerequisite: None**

**Open to: Grades 10, 11, 12**

**This course is taken in addition to the full-year courses in Grades 10 and 11. It does not satisfy the grade 12 English requirement.**

**Course Description:** Journalism I focuses on the basic journalism skills of reporting, editing, interviewing, and evaluating sources. Students write in a variety of styles, including news, features, reviews, editorials, and sports. Students are also introduced to basic journalistic digital media. Final written pieces are published in *Wildcat Word*, Bethel High School's student newspaper. This is a semester course and earns the student a .5 credit.

**Journalism II—Workshop**

**.5 Credit**

**903024**

**One Semester**

**Prerequisite: Journalism I**

**Open to: Grades 10, 11, 12**

**This course is taken in addition to the full-year courses in Grades 10 and 11. It does not satisfy the grade 12 English requirement.**

**Course Description:** Journalism Workshop is a class for students who already know how to write in the various journalism styles. The workshop setting allows students to write weekly journalism pieces and to participate in workshop revision sessions. Final journalism pieces will include multimedia. All pieces produced will be published in *Wildcat Word*, Bethel High School's online and print student newspaper. This course fulfills .5 of the 1 computer credit needed for graduation. This is a semester course and earns the student a .5 credit.

**Journalism III—Independent Study  
903025**

**.5 Credit  
One Semester**

**Prerequisite: Journalism I, II and Teacher Approval**

**Open to: Grades 11, 12**

**This course is taken in addition to the full-year courses in Grades 10 and 11. It does not satisfy the grade 12 English requirement.**

**Course Description:** This Journalism Independent Study is for students who will be taking on a senior leadership position in *Wildcat Word*. Students enrolled in this class will have an opportunity to work on long-term projects directly associated with *Wildcat Word* and Media Studies. All interested students must receive teacher approval from Ms. Ricciardone. This course may be taken for one or two semesters. This is a semester course and earns the student a .5 credit.

**Public Speaking: The Art of Communication  
903015**

**.5 Credit  
One Semester**

**Prerequisite: None**

**Open to: All**

**This course is taken in addition to the full-year courses in Grades 9, 10 and 11. It does not satisfy the grade 12 English requirement.**

**Course Description:** Public Speaking is highly recommended for **all** students. The aim of the course is to develop students' poise, self-confidence, and speaking habits. Students learn the characteristics and elements of great speeches, how to craft and write them, practice and deliver them. Rhetorical strategies and appeals are emphasized. Exercises in breathing and movement as well as improvisation are used to strengthen one's delivery. Throughout the course, students prepare and present both formal and informal speeches on a variety of topics. This is a semester course and earns the student a .5 credit.

**SAT: Critical Reading and Writing  
914007**

**.5 Credit  
One Semester**

**Prerequisite: None**

**Open to: All**

**This course is taken in addition to the full-year courses in Grades 10 and 11. It does not satisfy the grade 12 English requirement.**

**Course Description:** This SAT preparation course aligns with the latest version of the Scholastic Aptitude Test (SAT). Students learn various strategies to improve their success on the assessment and are provided with multiple opportunities to practice the application of these techniques. This is a semester course and earns the student a .5 credit.

# Family and Consumer Science

## **Culinary Arts I 12**

**904003 (seniors only), 904004 (juniors only)**

**Open to: Grades 11, 12**

**Prerequisite: None**

**Course Description:** This is an introductory foods laboratory cooperative learning experience. This course deals with the food principles involved with pastry arts as well as breakfast and lunch items. Students become acquainted with kitchen facilities, utensils, food preparation terms and techniques, as well as the consumer and nutritional aspects of foods. This course is the prerequisite for Culinary Arts II.

**.5 Credit  
One Semester**

## **Culinary Arts II 22**

**904005**

**Prerequisite: A grade of 80 or better in Culinary Arts**

**Open to: Grade 12**

**Course Description:** This course offers students additional and expanded experiences in the nutritional and consumer aspects of foods and their preparation. Students are expected to have basic skills in measuring, food preparation, and kitchen safety. Cooperative laboratory experiences involve the preparation of various food products using a variety of kitchen equipment and small appliances. During the course, students will gain practical experience operating a café for BHS staff and will provide an educational cooking demonstration video for Channel 26.

**.5 Credit  
One Semester**

## **Child Development I (Preschool Education)**

**904006**

**Prerequisite: None**

**Open to: ALL**

**Course Description:** This semester course is recommended for students who are considering a career involving children, or who have a sincere interest in learning about children. During the course, students learn about children's growth and development, characteristics of preschool-age children, and how to plan for and implement our Little Wildcats Preschool program. Through participation in these programs students apply their knowledge and gain first-hand experience working with young children.

**.5 Credit  
One Semester**

## **Child Development II (Family Life Education)**

**904007**

**Prerequisite: A grade of 80 or better in Child Development 12**

**Open to: 10-12**

**Course Description:** This course is designed to provide new experiences for students who have successfully completed Child Development 12. Students will still be in contact with the preschooler children and will be completing lesson plans. The content consists of family planning, prenatal health, infant care, parenting styles, and the family life cycle. Recommended for students on an education pathway or are interested in a career based in psychology, counseling, or the health field.

**.5 Credit  
One Semester**

# Mathematics

The Mathematics Mission of Bethel High School, in partnership with our colleagues, families and the community is to develop mathematically literate members of society who are college and career ready by engaging in challenging learning experiences requiring communication, collaboration, critical thinking and creative problem solving. Students persevere as they apply what they learn in mathematics in a variety of meaningful ways.

## **PreAlgebra**

**906106**

**1 Credit**

**Full Year**

**Prerequisite: Teacher recommendation**

**Open to: All**

**Course Description:** Pre Algebra is designed for students who need more time to master Common Core 8 standards in order to prepare for the rigor of Algebra I. Students continue to practice order of operations, solving equations, graphing, and operations on whole numbers, fractions, decimals, and percents.

## **Algebra I 12**

**906102 Grade 9 only**

**906140 Grades 10, 11, 12**

**1 Credit**

**Full Year**

**Prerequisite: None**

**Open to: All**

**Course Description:** Algebra I is the foundation on which all succeeding mathematics courses are based. Students complete eight units based on the CT Core Standards: Arithmetic and Geometric Sequences; Solving Linear Equations and Inequalities; Linear Functions; Systems of Linear Equations; Systems of Linear Inequalities; Functions; Exponential Functions and Statistically Representing Data. Students will use problem-solving and critical-thinking skills to solve real-world problems.

## **Algebra I 11H**

**906113**

**1 Credit**

**Full Year**

**Prerequisite: Teacher Recommendation**

**Open to: Grade 9**

**Course Description:** This course is designed for identified students of high mathematical ability who excelled in CC-8, and are ready for the challenge of an honors level course. Students in this course learn the same CT Core Algebra I standards listed in Algebra I 12, but with a wider scope, greater depth, and more intensive pace. Units include: Arithmetic and Geometric Sequences; Solving Linear Equations and Inequalities; Linear Functions; Systems of Linear Equations; Systems of Linear Inequalities; Functions; Exponential Functions and Statistically Representing Data.

## **Plane Geometry 22**

**906105**

**1 Credit**

**Full Year**



**Prerequisite: Algebra I**

**Open to: All**

**Course Description:** Students complete seven units based on CT Core Standards for Geometry: Coordinates and Transformations; Congruence, Constructions, and Proofs; Polygons; Similarity and Trigonometry; Circles and Other Conics; Three-dimensional Geometry; and Probability.

**Plane Geometry 21H**

**906104**

**1 Credit**

**Full Year**

**Prerequisite: Algebra I and Teacher Recommendation**

**Open to: Grades 9, 10**

**Course Description:** This course is designed for identified students of high mathematical ability who are ready for the challenge of an honors level course. Students in this course learn the same CT Core Geometry standards listed in Geometry 22, but with a wider scope, greater depth, and more intensive pace. Units include: Coordinates and Transformations; Congruence, Constructions, and Proofs; Polygons; Similarity and Trigonometry; Circles and Other Conics; Three-dimensional Geometry; and Probability.

**Algebra II 32**

**906108**

**1 Credit**

**Full Year**

**Prerequisites: Algebra I and Geometry**

**Open to: All**

**Course Description:** Students complete six units based on CT Core Standards for Algebra II: Functions and Inverses; Quadratic Functions; Polynomial Functions; Rational and Radical Functions; Exponential and Logarithmic Functions; and Operations on Functions and Piecewise Functions.

**Algebra II 31H**

**906107**

**1 Credit**

**Full Year**

**Prerequisites: Algebra I, Geometry and Teacher Recommendation**

**Open to: Grades 9, 10, 11**

**Course Description:** This course is designed for identified students of high mathematical ability who are ready for the challenge of an honors level course. Students in this course learn the same CT Core Algebra standards listed in Algebra II 32, but with a wider scope, greater depth, and more intensive pace. Units include: Functions and Inverses; Quadratic Functions; Polynomial Functions; Rational and Radical Functions; Exponential and Logarithmic Functions; and Operations on Functions and Piecewise Functions.

**Algebra II 33**

**906125**

**1 Credit**

**Full Year**

**Prerequisite: Algebra I, Geometry and Teacher Recommendation**

**Open to: Grades 10, 11, 12**

**Course Description:** This course is intended for students needing a slower, more concrete approach to develop concepts and methods to solve algebraic problems. Graphic representation of families of functions, particularly quadratic functions, will be a major area of study, along with polynomials and the complex number system.

**Precalculus 42** **1 Credit**  
**906112** **Full Year**

**Prerequisite: Algebra II and Teacher Recommendation**

**Open to: Grades 10, 11, 12**

**Course Description:** Students complete seven units based on the fourth year Common Core Standards: Functions and their graphs; Polynomial and Rational Functions; Exponential and Logarithmic Functions; Systems of Equations, Inequalities, and Matrices; Sequences, Series, and Probability; Parametric Equations, and Polar Equations; and Limits.

**Precalculus 31H** **1 Credit**  
**906111** **Full Year**

**Prerequisite: Algebra II and Teacher Recommendation**

**Open to: Grades 10, 11, 12**

**Course Description:** This course is designed for identified students of high mathematical ability who are ready for the challenge of an honors level course. Students in this course learn the same fourth year common core standards listed in Precalculus 42, but with a wider scope, greater depth, and more intensive pace. Students complete seven units based on fourth year Common Core Standards: Functions and their graphs; Polynomial and Rational Functions; Exponential and Logarithmic Functions; Systems of Equations, Inequalities, and Matrices; Sequences, Series, and Probability; Parametric Equations, and Polar Equations; and Limits.

**Trigonometry 42** **.5 Credit**  
**906013** **One Semester**

**Prerequisite: Algebra II**

**Open to: Grades 10, 11, 12**

**Course Description:** The trigonometric functions are introduced as both real and circular functions, and definitions of functions and inverse relations are used to derive various formulas. This course will include the sketching of trigonometric functions and proofs of the trigonometric identities. Trigonometry can be taken in conjunction with precalculus or after successfully completing precalculus.

**Trigonometry 31H** **.5 Credit**  
**906028** **One Semester**

**Prerequisite: Algebra II and Teacher Recommendation**

**Open to: Grades 10, 11, 12**

**Course Description:** This accelerated course is designed for identified students of high mathematical ability who are planning to take AP Calculus in high school. Students study the same concepts presented in Trigonometry 42, but to a greater depth and at a more intensive pace. Following that study they are introduced to vectors, polar and parametric equations involving the trigonometric functions.

**Math IV** **1 Credit**  
**906130** **Full Year**

**Prerequisite: Algebra II and Teacher Recommendation**

**Open to: Grades 11, 12**

**Course Description:** Math IV is designed for students who are not yet prepared to take precalculus and require reinforcement with their proficiency in Algebra II concepts and skills. Additional optional topics in geometry, trigonometry, and precalculus may be included during the year depending on student achievement and interest. Students will participate in group work, as well as using the ALEKS computer program to strengthen the skills required for success in college mathematics. Students are expected to log a given number of hours of work on this program at home as part of the course.

**Calculus 42  
906114**

**1 Credit  
Full Year**

**Prerequisite: Precalculus and Trigonometry**

**Open to: Grades 11, 12**

**Course Description:** Students will learn to solve two large classes of problems: 1) finding the derivative, that is, the rate at which a variable changes; and 2) integration, finding a function when the rate of change is known. Applications of the theory will be emphasized. If students apply and fulfill the requirements, the WCSU Early College Program awards 4 college credits for successfully completing this full year course.

**AP Calculus AB  
906115**

**1 Credit  
Full Year**

**Prerequisite: Precalculus, Trigonometry and Teacher Recommendation**

**Open to: Grades 11, 12**

**Course Description:** This Advanced Placement course will cover the two main branches of differential and integral calculus. The current College Board's Advanced Placement Course Description prescribes course content for Calculus AB. Students work with algebraic, trigonometric and transcendental functions. The College Board Advanced Placement test given in May is required. Successful completion of the AP exam qualifies students for one semester's credits in Calculus or 4 credits at most colleges and universities. If students apply and fulfill the requirements, the WCSU-Early College Program also awards 4 college credits for successfully completing this full year course.

**AP Calculus BC  
906116**

**1 Credit  
Full Year**

**Prerequisite: Precalculus, Trigonometry and Teacher Recommendation**

**Open to: Grades 11, 12**

**Course Description:** This is a college level calculus course for mathematically able students who have demonstrated a sound understanding of elementary functions in addition to the college preparatory mathematics listed in the description of AP Calculus AB. The content of this course is designed to qualify the student for placement and credit one semester beyond that granted for Calculus AB. The College Board Advanced Placement test, given in May, is required. If students apply and fulfill the requirements, the Western Connecticut State University's Early College Program also awards 8 college credits for successfully completing this full year course.

**Multivariable Calculus**

**1 Credit**

**906135** **Full Year**

**Prerequisite: AP Calculus BC**

**Open to: Grade 11, 12**

**Course Description:** Multivariable Calculus is a rigorous second-year course in college level calculus. This course provides study of vectors and the calculus of several variables for students who have successfully completed AP Calculus BC. Students complete the study of sequences and Infinite series, conics, parametric equations and polar coordinates, then go on to study vector operations and analysis, functions of several variables and their partial derivatives, and multiple integration.

**Statistics 42** **1 Credit**

**906117** **Full Year**

**Prerequisite: Precalculus or Algebra II with Teacher Recommendation**

**Open to: Grade 12**

**Course Description:** This course is designed for motivated high school students with advanced reading skills. Students explore data, work with the normal distribution, examine relationships, and simulate experiments. Probability models, random variables, and distributions are studied, along with tests of significance. If students apply and fulfill the requirements, the WCSU-Early College Program awards 3 college credits for successfully completing this full year course.

**AP Statistics** **1 Credit**

**906118** **Full Year**

**Prerequisite: Precalculus and Teacher Recommendation**

**Open to: Grade 12**

**Course Description:** This is a college level statistics course for highly motivated mathematically able students. Students study the analysis and interpretation of data, methods of planning and conducting a study, the production of models using probability theory and simulations, and the use of statistical inference to guide the selection of appropriate models. If students apply and fulfill the requirements, the WCSU Early College Program also awards 3 college credits for successfully completing this full year course.

**Consumer Math 33** **1 Credit**

**906121** **Full Year**

**Prerequisite: Teacher Recommendation**

**Open to: Grades 10, 11, 12**

**Course Description:** Students will use skills such as savings and investments, home ownership, travel and transportation, and income tax. The objective of this course is to develop the math and accuracy skills needed in students' personal and business lives. Approval of the department chairperson and the student's administrator is required for all students.

# Music and Performing Arts

*Music courses are offered to all students, regardless of prior experience. Students can earn required credits in Fine Arts and Digital Technology, as well as college credit in AP Music Theory. There are a variety of course offerings in each of the categories: Ensembles, Modern Band Instruments, Music Technology, Composition, and General Music.*

## Ensembles

### **Symphonic Band**

**1.5 Credits**

**905130**

**Full Year**

**Prerequisite: Instructor Approval**

**Open to: All**

**Course Description:** Symphonic Band is designed for the advancement and refinement of musicianship skills through band instrument performance, higher order thinking, aesthetic judgment, and music appreciation.

### **String Orchestra**

**1 Credit**

**905136**

**Full Year**

**Prerequisite: None**

**Open to: All**

**Course Description:** Orchestra is designed for the advancement and refinement of musicianship skills through string instrument performance, higher order thinking, aesthetic judgment, and music appreciation.

### **Concert Choir**

**1 Credit**

**905126**

**Full Year**

**Prerequisite: Instructor Approval**

**Open to: All**

**Course Description:** Choir is designed for the advancement and refinement of musicianship skills through vocal performance, higher order thinking, aesthetic judgment, and music appreciation.

### **Chamber Singers**

**1 Credit**

**905127**

**Full Year**

**Prerequisite: By audition only**

**Open to: Grades 10, 11, 12**

**Course Description:** This course is designed for the advanced choral singer specializing in advanced musical repertoire. Instructor approval will be given based on audition.

Modern Band Instruments

**Guitar I** **.5 Credit**  
**905060** **Semester**

**Prerequisite: 8th Grade Guitar or approval from instructor**

**Open to: All**

**Course Description:** Class members will learn guitar through the study of popular music of all styles and genres. Scales, chords, improvisation, and left and right hand techniques will be explored. Instruments are provided.

**Guitar II** **.5 Credit**  
**905061** **Semester**

**Prerequisite: Guitar I or approval from instructor**

**Open to: All**

**Course Description:** Guitar II is designed for students who are interested in expanding their playing experience to include ensemble performance and the individual development of more advanced techniques. Music selections include popular music and jazz. Instruments are provided.

**Ukulele** **.5 Credit**  
**905062** **Semester**

**Prerequisite: None**

**Open to: All**

**Course Description:** Students will learn ukulele through the study of popular music of all styles and genres. Ukulele strumming techniques, basic and advanced chords, as well as melody playing will be explored. Soprano, Tenor, Baritone and Bass ukuleles are provided.

**Keyboarding I** **.5 Credit**  
**905001** **Semester**

**Prerequisite: 0 to 1 year piano experience**

**Open to: All**

**Course Description:** Students learn how to play the piano keyboard and read piano music. Students experience small group instruction, as well as individual instruction on the keyboard.

**Keyboarding II** **2.5 Credit**  
**905045** **Semester**

**Prerequisite: Keyboard I or approval of instructor**

**Open to: All**

**Course Description:** Students learn how to play intermediate/advanced piano music. Students experience small group and individual instruction on the keyboard.

Music Technology

**Digital Music** **1 Credit**  
**905148** **Full Year**

**Prerequisite: None**

**Open to: All**

**Course Description:** This course is designed for students to develop skills in music composition and audio production. Students will utilize keyboards and computers to write and record original music.

**Recording Studio**

**905146**

**1 Credit  
Full Year**

**Prerequisite: None**

**Open to: All**

**Course Description:** This course takes place in a student-run recording studio, in which students are tasked with recording and editing music. Students will learn mic placement, recording techniques, audio signal processing, and post production techniques.

Music Composition–Theory

**AP Music Theory**

**905145**

**1 Credit  
Full Year**

**Prerequisite: approval from instructor**

**Open to: Grades 10, 11, 12**

**Course Description:** Students will learn principles of music composition, ear training, and sight singing. Music will be dissected to understand its component parts, and reconstructed to form increasingly complex musical structures.

General Music

**Adaptive Music**

**905037**

**.5 Credit  
Semester**

**Prerequisite: None**

**Open to: All students interested in working collaboratively with other students in the music classroom and students that are interested in the pathways program.**

**Course Description:** This course focuses on having music students work collaboratively with other students. The course covers includes singing, dancing and playing instruments.

# Physical and Health

## **Physical Education**

**Prerequisite: None**

**Open to: All**

**Course Description:** Students are required to take 3 semesters of physical education. Students follow a program structured to meet their fitness goals. Activities focus on lifetime fitness, individual/dual team sports, cooperative games and substance abuse issues. Students participate in 6 physical education activities during one semester including, but not limited to: Bokwa, badminton, basketball, cardiovascular training, yoga, capture the flag, Tchoukball, tennis, softball and team handball. All students are required to take the State of CT Physical Fitness Test and final Cognitive Assessment. *The administration will automatically enroll all 9th, 10th and 11th graders.*

**.5 credit**

**One Semester**

## **Ah Ha Yoga**

**907052**

**Prerequisite: None**

**Open to: Grades 10, 11, 12**

**Course Description:** This is an elective for a P.E. credit. Yoga is an ancient art based on a harmonizing system of development for the body, mind, and spirit. The practice of yoga makes the body strong and flexible, as well as improving the functioning of the respiratory, circulatory, digestive, and hormonal systems. It is designed to offer students new skills for social, emotional, and physical development. Student work will be a combination of experiential activities to encourage them to move authentically through their practices.

**.5 credit**

**One Semester**

## **Health Education**

**Prerequisite: None**

**Open to: Grades 9, 10**

**Course Description:**

Health is a graduation requirement designed to help high school students extend their knowledge of health issues learned in middle school. Students will study health topics such as mental and emotional health, alcohol, tobacco and other drugs, sexual health, healthy eating, and physical activity. In covering these topics, students will engage in essential developmental assets, such as positive qualities, skills, experiences, and opportunities. *The administration will automatically enroll all 9<sup>th</sup> graders.*

**.5 credit**

**One Semester**

## **Red Cross/CPR/Sports Training 32**

**907011**

**Prerequisite: None**

**Open to: Grades 11, 12**

**Course Description:** The Red Cross/CPR and Basic First Aid course components help students acquire the skills necessary to perform infant, child, and adult CPR, and to apply First Aid Basics. Students who demonstrate proficiency on both practical and written examinations receive certification in Community First Aid from the American Red Cross. In the sports training

**.5 Credit**

**One Semester**



component, students learn about basic muscle and bone anatomy, anatomical positioning and body planes, prevention and care of athletic injuries, and aspects of nutrition with regards to athletic performance.

**Emergency Medical  
Technician Honors (EMT)  
907102**

**1 Credit  
Full Year**

**Prerequisite: Red Cross/CPR/Sports Training 32**

**Open to: Grades 11, 12**

**Course Description:** This is an elective course. Students will learn the anatomy and physiology of the human body, assessment skills for emergency situations, and apply these skills in various medical emergencies. Students will earn Professional Rescuer CPR certification. In addition, all students must complete 10 hours of mandatory observation in a hospital emergency room. Students will be eligible to take the national written and practical exam to become an EMT- B and earn college credit.

# Naval Junior Reserve Officers Training Corps

**Naval Science 12**

**913101**

**Prerequisite: None**

**Open to: All**

**Course Description:** This course develops a sense of citizenship, leadership and scholarship. Numerous Community Service opportunities are offered. Includes introduction to the NJROTC program; Leadership, Follower-ship, Naval Ships Mission and Organization, Civics and Government and the role of people in American Democracy, Health and Fitness and Survival. Social etiquette, protocol, customs, and ceremonies are taught, organized, and led by the cadets. Military drill (marching) is taught throughout the program. All cadets are given the opportunity to participate in Marksmanship Training (air rifles) during class.

**1 Credit**

**Full Year**

**Naval Science 22**

**913102**

**Prerequisite: Minimum B- in Naval Science 12**

**Open to: All**

**Course Description:** Builds on the general introduction provided in Naval Science 12, to further develop the traits of good character, citizenship and leadership. Introduce cadets to technical areas of naval science and the vital importance of the world oceans to the continued well-being of the United States. Naval Science 22 includes ongoing instruction in leadership theory, Naval Orientation, Responsible Citizenship, Maritime Geography, Navigation Fundamentals and Rules of the Road, Small Boat Seamanship, Meteorology and Weather, and Orienteering (Land Navigation).

**1 Credit**

**Full Year**

**Naval Science 32**

**913103**

**Prerequisite: Minimum B in Naval Science 22 and successfully met program requirements for promotion and community service credit**

**Open to: All**

**Course Description:** Broaden understanding of principles of leadership, teamwork, and good order and discipline. Includes instruction in leadership, discipline, Military Justice, Aviation fundamentals, International Law of the Sea, National Strategy, Seapower and Naval Operations, Naval History, Naval Intelligence and National Security. Advanced techniques in leadership and management are developed as cadets learn to lead and manage much of the daily operations of the program.

**1 Credit**

**Full Year**

**Naval Science 42**

**913104**

**Prerequisite: Minimum B in Naval Science 32 and successfully met program requirements for promotion to Cadet Chief and met community service credit requirements**

**1 Credit**

**Full Year**

**Open to: All**

**Course Description:** Leadership Practical Application is the primary focus. Instruction includes Global Awareness and World Culture, U. S. Naval Academy ethics curriculum, public speaking and practical work with younger cadets. Life skills, personal finance, car buying, safety and risk management, interviewing skills, goal setting, and transitioning successfully into college or other pursuits are developed by practical application throughout the year.

# Science

*The BHS Science Department strives for high standards in conjunction with the school's mission to develop lifelong learners able to pursue their aspirations in a world shaped by scientific innovation. These standards will be met through NGSS and the Science and Engineering Practices.*

**Biology 11H** **1.2 Credits**  
**908117** **Full Year**

**Prerequisite: Middle school science teacher recommendation**

**Open to: Grade 9**

**Course Description:** This honors level course is a survey of all the basic areas of biology introduced through the Next Generation Science Standards Science and Engineering Practices. Topics covered include cellular structure and function, genetics and evolution, energy transformations, microorganisms, and more. This class is faster paced and will cover additional material than Biology 12.

**Digital Biology** **1.2 Credits**  
**908105** **Full Year**

**Prerequisite: Students interested in both science and technology**

**Open to: Grade 9**

**Course Description:** Digital Biology meets all state-established standards for biology as related to the Connecticut Science Frameworks in the context of 21st century biotechnology. It is a lab-intensive science course that covers the most exciting fundamentals of life science in the context of biotechnology. This course exposes students to cutting-edge technologies. The techniques and knowledge students gain help prepare them for careers in such fields as medicine, microbiology, molecular biology, forensics, public health, and more.

**Biology 12** **1.2 Credits**  
**908118** **Full Year**

**Prerequisite: None**

**Open to: Grade 9**

**Course Description:** This college preparatory course is a survey of all the basic areas of biology introduced through the Next Generation Science Standards Science and Engineering Practices. Topics covered include cellular structure and function, genetics and evolution, energy transformations, microorganisms, and more.

**AP Biology** **1.2 Credits**  
**908115** **Full Year**

**Prerequisite: Minimum B+ in Biology 11H or A- in Biology 12, and minimum B+ in Chemistry 21, or A- in Chemistry 22**

**Open to: Students meeting prerequisites**

**Course Description:** This class is designed to be the equivalent of a college introductory biology course, usually taken by science majors as an undergraduate. An Advanced Placement

exam grade of 4 or 5 may fulfill a basic science requirement for a college laboratory course. The AP Biology course and exam encompass theories and processes governing living organisms and biological systems. Each student enrolled in the course is required to take the AP Biology exam in the spring.

**AP Chemistry** **1.2 Credits**  
**908124** **Full Year**

**Prerequisite: Minimum B in Chemistry 21 or A- in Chemistry 22, or A in Biology 11.**

**Open to: Grades 10, 11, 12**

**Course Description:** AP Chemistry gives the student the chance to try college-level work in high school and gain valuable skills and study habits for college. A qualifying score on the AP exam may result in credit or advanced placement in certain colleges. Students learn about electrochemistry, REDOX chemistry, equilibrium, and more. Each student is required to complete a research project or paper. The College Board Advanced Placement test given in May is required.

**Digital Chemistry 22** **1.2 Credits**  
**908106** **Full Year**

**Prerequisite: Student must have taken or be currently enrolled in Geometry and Biology**

**Open to: Grade 10**

**Course Description:** This college preparatory course teaches the basic fundamentals of chemistry through the use of technology along with the Science and Engineering Practices. Topics will include the nature of chemistry, the structure of matter, chemical bonding, stoichiometry and others. Students electing to take this course should be willing to work independently and should enjoy using technology on a daily basis.

**Chemistry 21H** **1.2 Credits**  
**908121** **Full Year**

**Prerequisite: Student must have taken or be currently enrolled in Geometry and Biology 11 or Biology 21**

**Open to: Grades 10, 11, 12**

**Course Description:** Honors Chemistry 21H covers essentially the same topics as Chemistry 22. The course is faster paced, and goes into more depth than the Chemistry 22 curriculum. Problems to be solved require critical analysis and a higher ability in mathematics than the Chemistry 22 course.

**Chemistry 22** **1.2 Credits**  
**908122** **Full Year**

**Prerequisite: Student must have taken or be currently enrolled in Geometry and Biology**

**Open to: Grades 10, 11, 12**

**Course Description:** Students investigate the nature of chemistry, structure of matter, interactions of matter, stoichiometry, states of matter, acids and bases, reaction rates and polymers. This course involves critical thinking, data analysis and mathematical application in science.

**AP Physics 1** **1.2 Credits**  
**908136** **Full Year**

**Prerequisite:** Minimum B in Level I or A- in Level II science classes, Algebra II, Trigonometry (or concurrent enrollment in Trigonometry)

**Open to:** Grades 10, 11, 12 (all 10<sup>th</sup> graders must simultaneously be enrolled in a chemistry class)

**Course Description:** This is a first year non-Calculus, college- level physics course designed to meet the requirements of the Advanced Placement Physics 1 curriculum. Students will study Newtonian mechanics, rotational mechanics, simple harmonic motion, waves, sound, and basic electricity and circuits. The College Board Advanced Placement Physics 1 test given in May is a course requirement. Students will have the opportunity to apply for UCONN college credit in the **UCONN Early College Experience (ECE) program.**

**AP Physics 2** **1.2 Credits**  
**908137** **Full Year**

**Prerequisite:** Minimum A- in Physics 32: Mathematical, or successful completion of AP Physics 1; Algebra II, and Trigonometry

**Open to:** Grades 11, 12

**Course Description:** Students will study electricity, static and dynamic fluids, thermodynamics, and atomic, nuclear and quantum physics. Students taking this course are assumed to have a high level of proficiency in mathematics. The College Board Advanced Placement Physics 2 test given in May is a course requirement. Students will have the opportunity to apply for UCONN college credit in the **UCONN Early College Experience (ECE) program.**

**AP Physics C** **1.2 Credits**  
**908138** **Full Year**

**Prerequisite:** Successful completion of AP Physics 1 with a minimum B and have taken or be currently enrolled in Calculus.

**Open to:** Grades 11, 12

**Course Description:** This is a college-level course designed for students who want to pursue a career in physical sciences or engineering. It is a rigorous course based on the knowledge of mathematics that includes calculus. The study of Mechanics includes kinematics, Newton's laws, circular motion, energy, gravity, systems of particles, momentum, rotational motion, torque, angular momentum, and simple harmonic motion.

**Physics 32: Mathematical** **1.2 Credits**  
**908132** **Full Year**

**Prerequisite:** Student must have taken or be currently enrolled in Algebra II, Biology and Chemistry

**Open to:** Grades 10, 11, 12

**Course Description:** Topics covered include kinematics, forces, circular motion, energy, momentum, and more. Students conduct laboratory activities in which they discover equations that define the relationships between physical parameters. This course involves critical thinking, data analysis, and mathematical applications in science. This course qualifies for the NVCC College Career Pathways Program.

**Physics 32: Conceptual** **1.2 Credits**  
**908135** **Full Year**

**Prerequisite:** Student have taken or be currently enrolled in **Geometry, Biology and Chemistry**

**Open to: Grades 10, 11, 12**

**Course Description:** This course is designed for the student planning to attend college, but is not a student with a strong background in high-level mathematics courses. Topics to be covered in this course include kinematics, forces, energy, momentum, simple harmonic motion, and more. Students will conduct laboratory investigations to reinforce conceptual understanding of these physics topics.

**Academy Science 31H (Physics)** **1.2 Credits**  
**908107** **Full Year**

**Prerequisite:** Acceptance *into Academy of Digital Arts and Sciences* program & completion of **Academy Science 21H and Academy Tech 21H. Students must maintain a C average in each course to remain enrolled in the Academy.**

**Open to: Grade 11**

**Course Description:** This physics course provides students with a basis for understanding the fundamental laws of nature as well as the role of physics in important technological innovations for the future. Students taking the Academy Science 31H course must also take Academy Tech 31H. As a requirement of the course, students must contribute to the creation of the class Expo project then subsequently attend the State Expo to present the class idea in the spring.

**Physics 43** **1 Credit**  
**908133** **Full Year**

**Prerequisite: Biology and Chemistry**

**Open to: Grades 10, 11, 12**

**Course Description:** This course is designed for a non-college bound student. Topics covered include kinematics, forces, circular motion, energy, momentum, simple harmonic motion, and waves. The emphasis is on non-math, practical and descriptive physics. The students apply physics concepts to real life situations. They conduct simple experiments, practice solving physics oriented problems and analyze demonstrations.

**Science Standard Prep** **.5 Credit**  
**908020** **One Semester**

**Prerequisite: None**

**Open to: Grade 11, 12**

**Course Description:** Any student who has not satisfied the Science standard for graduation by the fall of his/her senior year and is not enrolled in a fourth year of science must take this course. Students will work to remediate weaknesses evidenced by their performance on the Science section of the CAPT and learn scientific concepts and skills they will need after graduation.

**Laboratory Assitant** **1 Credit**  
**908154** **Full Year**

**Prerequisite: Signature of chemistry teacher and department chairperson.**

**Open to: Grade 11, 12**

**Course Description:** Students should be enthusiastic about science and possibly be considering a career in the subject. Students prepare simple solutions, set up and breakdown laboratory equipment, perform quantitative logistics, maintain the hygiene of glassware, retrieve and replace chemicals from storage. Students assist teachers in the science department in tasks related to the curriculum area. Eighty hours are required (40 hours per semester) in addition to quarterly check-in meetings with the department chair.

**AP Environmental Science**

**1.2 Credits**

**908150**

**Full Year**

**Prerequisite: Minimum A in Biology 12 or B+ in Biology 11H and minimum A in Chemistry 22 or B+ in Chemistry 21**

**Open to: Grades 11, 12**

**Course Description:** This course provides students with scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Students will identify and analyze environmental problems both natural and human-made and examine alternative solutions for resolving and/or preventing them. The College Board Advanced Placement test given in May is required. The AP Environmental Science curriculum complements the AP Human Geography curriculum.

**Environmental Science 32**

**.5 Credit**

**908008**

**One Semester**

**Prerequisite: Biology and Chemistry**

**Open to: Grades 11, 12**

**Course Description:** This course addresses the global ecosystem and the ways local, federal, and international policies regulate how human beings use natural resources on Earth. The class utilizes multimedia resources and fieldwork to investigate environmental issues. This course qualifies for the NVCC College Career Pathways Program.

**Animal Behavior 31H**

**.5 Credit**

**908009**

**One Semester**

**Prerequisite: Completion of Biology 11H or 12 and Chemistry 21H or 22 with a grade of B or better.**

**Open to: Grades 11, 12**

**Course Description:** The course will examine the innate structure and organization of animal behavior and how these change, both through evolution and within the lifespan. Students will examine areas such as genetics, development, physiology, neurobiology, and communication. Students will apply simple field and laboratory methods to investigate lecture topics. Students will also complete a project based on an individually chosen area.

**Astronomy 32**

**.5 Credit**

**908053**

**One Semester**

**Prerequisite: Biology and Chemistry**

**Open to: Grade 11, 12**



**Course Description:** This course is an introduction to astronomy. Student will learn how to observe the sky we see and how it appears to change over time. Students will learn about the planets of our solar system and the structure and life cycles of stars. Lastly students will study the Milky Way galaxy as well as galaxies beyond.

**Exercise Science 32  
908052**

**.5 Credit  
One Semester**

**Prerequisite: Biology and Chemistry**

**Open to: Grade 11, 12**

**Course Description:** Students will develop a scientifically based understanding of the physiological, genetic, behavioral, social and cultural factors that support health and wellness. Upon completion of this course students will be able to: 1. Understand various challenges to human health and wellness, including an understanding of health risks; 2. Describe health promotion and illness prevention through study of nutrition, fitness, stress management, or other action strategies; 3. Develop personal goals and programs for health and wellness using knowledge based upon principles from epidemiology, nutrition, kinesiology and other health sciences; 4. Understand the human anatomy and physiology of movement.

**Forensic Science 32  
908050**

**.5 Credit  
One Semester**

**Prerequisite: of Biology and Chemistry**

**Open to: Grade 11, 12**

**Course Description:** Forensics will provide students with an in-depth knowledge of techniques and strategies used by forensic scientists. They will learn the steps involved in analyzing a crime scene in order to provide evidence that will be admissible in a court of law. They will get a detailed knowledge of the industry in order to explore the potential for careers in forensic science. Topics include collecting evidence, fingerprinting, blood-typing, ballistics and more.

**Science Research 31H  
908151**

**1 Credit  
Full Year**

**Prerequisite: minimum B in Biology and Chemistry and approval of Science Department Chair**

**Open to: Grade 11, 12**

**Course Description:** Junior and senior high school students are challenged to complete original research that is characteristic of college-level courses. Under the guidance of a BHS science teacher, students will generate a research question, conduct a literature review, collaborate with content-area experts, develop a hypothesis, collect and analyze data, and present original research at the annual Connecticut State Science Fair in the spring.

# Social Studies

*All students must earn 3.5 credits of social studies in order to meet graduation requirements. In grade 9 students must take World History I and in grade 10 they must take World History II. In grade 11, students may choose from one of three options to satisfy the US History requirement - AP US History 31, US History 32, or American Studies 32. At some point in their four years, students must also take and pass one of three Civics classes - Civics & American Government, Introduction to Law & Civics, or Global Issues & Civics. Students may also choose to enroll in a number of elective classes in social studies throughout their high school career, including several AP and other college credit earning classes.*

## **World History I 11H**

**909101**

**1 Credit  
Full Year**

**Prerequisite:** See prerequisites on pages 11-13

**Open to:** Grade 9

**Course Description:** This course presents an advanced study of human history from the **Enlightenment** through **World War I/II** with an emphasis on connections to the modern world. Students are exposed to a global study using primary source materials and historiography. Global, geographical, and multicultural perspectives are emphasized as well as Connecticut Core State Standards aligned skills including reading closely, speaking and listening, collaboration, and writing for argumentation.

## **World History I 12**

**909102**

**1 Credit  
Full Year**

**Prerequisite:** See prerequisites on pages 11-13

**Open to:** Grade 9

**Course Description:** This course presents a college preparatory study of human history from the **Enlightenment** through **World War I/II**, with an emphasis on connections to the modern world. The origins of modern civilization are examined to provide an understanding of the foundations of our world. Global, geographical, and multicultural perspectives are emphasized along with Connecticut Core State Standards aligned skills including reading closely, speaking and listening, collaboration, and writing for argumentation.

## **World History II 21H**

**909105**

**1 Credit  
Full Year**

**Prerequisite:** World History 11 and teacher recommendation

**Open to:** Grade 10

**Course Description:** Students examine and analyze global events from **World War I/II** up to and including a study of the major issues that will shape life in the twenty-first century. Students will utilize a variety of primary source materials and higher level thinking skills in reading, writing, research, and discussion.

**World History II 22**  
**909106**

**1 Credit**  
**Full Year**

**Prerequisite: World History 11 or 12 and teacher recommendation**

**Open to: Grade 10**

**Course Description:** This college preparatory level course is designed to provide a global study of the development of the modern world from **World War I/II** and including a study of the major issues that will shape the twenty-first century. Global, geographical, and multicultural perspectives are emphasized as well as Connecticut Core State Standards aligned skills including reading closely, speaking and listening, collaboration, and writing for argumentation.

**AP U.S. History 31**  
**909124**

**1 Credit**  
**Full Year**

**The following prerequisites are considered in order to qualify for this AP course:**

- **Recommendation of the current history teacher**
- **Class rank top 20%**
- **PSAT verbal score of 60 or better or SAT verbal score of 600 or better.**
- **At least a B average in history class during 9<sup>th</sup> and 10<sup>th</sup> grade**

**Open to: Grades 11, 12**

**Course Description:** This course provides highly motivated, self-directed students with the analytical skills necessary to deal critically with the major events and influences in American History. Major portions of the activities require reading, writing, listening, and discussing. The national Advanced Placement exam in May is required, and students who pass the exam may earn 6 college credits from this course. As part of the Capstone graduation requirement, students will complete a Capstone Proposal in this course. **Written summer course work required.**

**U.S. History 32**  
**909121**

**1 Credit**  
**Full Year**

**Prerequisite: World History 21 or 22 and teacher recommendation**

**Open to: Grade 11**

**Course Description:** This course allows students to gain a perspective of our past and our national heritage. Concepts are taught in conjunction with historical events in order to improve student understanding of continuity and change over time. Students examine both domestic and foreign issues and make judgments about their impact on the development of our nation. As part of the Capstone graduation requirement, students will complete a Capstone Proposal in this course. Teacher recommendation is required.

**American Studies U.S. History 32**  
**909150**

**1 Credit**  
**Full Year**

**Prerequisite: World History 21 or 22 and teacher recommendation**

**Open to: Grade 11**

**Course Descriptions:** Using a concept-based model, students will focus on the major events, movements, and changes that occurred within the last 250 years to emphasize the mindset of the nation as well as that of the individual. Students will use multiple sources to examine both the

hardships and successes of Americans. When signing up for this course, students must also sign up for American Studies English 903150.

**AP European History 41** **1 Credit**  
**909131** **Full Year**

**The following prerequisites are considered in order to qualify for this AP course:**

- **Recommendation of the current history teacher**
- **At least a B average in history class during 10<sup>th</sup> and 11<sup>th</sup> grade**
- **Students must be highly motivated, self-directed learners who are excellent writers.**

**Open to: Grade 11, 12**

**Course Description:** This course focuses on the study of the events and movements in European History from 1450 to the present. Students will develop an understanding of the principle themes in modern European History, the ability to analyze historical evidence, and the ability to express historical understanding in writing. Students may obtain 6 college level credits through successful performance on the Advance Placement examination in May. The College Board Advanced Placement test given in May is required. **Written summer course work required.**

**AP Art History** **1 Credit**  
**900113** **Full Year**

**Prerequisite: Art I**

**Open to: Grades 10, 11, 12**

**Course Description:** This course is a global and comprehensive look at art and its context to the world through the ages. Topics include popular subjects such as the Renaissance, African Art, Impressionism and Modern Art. The College Board Advanced Placement test given in May is required.

**AP Human Geography** **1 Credit**  
**909135** **Full Year**

**The following prerequisites are considered in order to qualify for this AP course:**

- **Recommendation of the current history teacher**
- **At least a B average in history class during 9<sup>th</sup> and 10<sup>th</sup> grade**
- **Students must be highly motivated, self-directed learners who are excellent writers.**

**Open to: Grades 10, 11, 12**

**Course Description:** This year-long course focuses on the distribution, processes, and effects of human populations on the planet. Units of study include industry, agriculture, language, and more. Case studies from around the globe are compared to the situation in the United States and locally in our state. The College Board Advanced Placement test given in May is required, and students who pass it may earn 3 college credits from this course. Written summer course work required. The AP Human Geography curriculum complements the AP Environmental Science curriculum.

**College Sociology 41** **.5 Credit**  
**909012** **One Semester**

**Prerequisite: College approval for college credit and excellent social studies skills**

**Open to: Grades 11, 12**

**Course Description:** This course, also known as Introduction to Sociology, explores such topics as the social, cultural, and individual dimensions of socialization. Social organizations, social resources, and social dynamics are investigated in order to provide an understanding of structure, function, and change in human groups. If students apply and fulfill the requirements, The WCSU Early College Program requires a \$100 registration fee and awards students 3 college credits, which are transferrable to many other colleges.

**College History 41**

**.5 Credit**

**909013**

**One Semester**

**Prerequisite: College approval for college credit and excellent social studies skills**

**Open to: Grades 11, 12**

**Course Description:** This course, also known as Modern European History, is the study of the transformation of traditional Europe. The basic intellectual, political, social, and economic structures of Western civilization, including the crises confronting us in the modern era, are studied. Students will have the opportunity to apply for UCONN college credit in the UCONN Early College Experience (ECE) program; see the ECE description on page 20. University credits are highly transferable to other universities. Students are charged a \$125.00 fee in the fall.

**Facing History and Ourselves 42**

**.5 Credit**

**909037**

**One Semester**

**Prerequisite: Teacher recommendation**

**Open to: Grades 11, 12**

**Course Description:** This course provides an interdisciplinary approach to citizenship education. The course connects history to the moral questions students must confront in their own lives — particularly those related to identity, ethics, power, responsibility, and conformity. Students will explore the past and investigate the ever-present forces that threaten democracy and society. Students will study the events which led to the Nazi Holocaust, the Dismantling of Apartheid in South Africa, the Armenian genocide, and more. This course also focuses on ongoing issues of tolerance, conformity, and identity in present day American society. The course will also focus on the way history shapes identity. Position papers, tests, quizzes, case studies, and projects are required.

**AP Psychology 41**

**1 Credit**

**909132**

**Full Year**

**The following prerequisites are considered in order to qualify for this AP course:**

- **Recommendation of the current history teacher**
- **PSAT verbal score of 60 or better or SAT verbal score of 600 or better.**
- **At least a B average in history class during 9<sup>th</sup> and 10<sup>th</sup> grade**

**Open to: Grades 11, 12**

**Course Description:** This course introduces students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students learn about the ethics and methods psychologists use in their science and practice, as well as the principles associated with psychology. This course focuses on History and Approaches, Research Methods, Biological Bases of Behavior, and more. The College Board Advanced Placement test given in May is required, and students who pass it may earn 6 college credits from this course.

**Introduction to Psychology 42  
909016**

**.5 Credit  
One Semester**

**Prerequisite: None**

**Open to: Grades 11, 12**

**Course Description:** Students study psychology within four units: introduction to psychology, development & personality, learning & cognition, and psychological health. Human thoughts and actions are examined in relationship with stream of consciousness and the environment; behavior and social change are explored as they relate to self-understanding.

**Comparative Religions 42  
909015**

**.5 Credit  
One Semester**

**Prerequisite: None**

**Open to: Grades 11, 12**

**Course Description:** Comparative Religions is the study and comparison of the major religions of the modern world. Through the study of Hinduism, Buddhism, Confucianism, Judaism, Christianity, and Islam, students will investigate the nature of God, the meaning of human life, and theories of the afterlife.

**Civics and American Government 42  
909010**

**.5 Credit  
One Semester**

**Prerequisite: None**

**Open to: Grades 10, 11, 12**

**Course Description:** This course offers a practical study of American government. Its purpose is to describe, analyze, and explain the American system of government. Students study the practical and philosophical foundations of American government, political behavior in the United States, the role of the executive, legislative and judicial branches, and the roles of state and local governments. The course is being offered to students to help them learn how to become active and responsible citizens in a democratic government. **This course satisfies students' civics requirement for graduation.**

**Global Issues and Civics 42  
909017**

**.5 Credit  
One Semester**

**Prerequisite: None**

**Open to: Grades 10, 11, 12**

**Course Description:** The objective of this course is to give students the opportunity to critically analyze major global issues, with particular emphasis placed on the major global issues that develop during the semester. In addition, the course will revolve around a discussion of how our government's reaction to these issues compares to the reaction of other countries. Students will also be taught how to be a productive citizen by making them aware of the Civics and Government Content Standards. They will learn the important roles played by the U.S. Constitution, the various branches of the government, and the citizens who exercise their rights and accept responsibility in our great democracy. **This course satisfies students' civics requirement for graduation.**

**Introduction to Law and Civics 42**

**.5 Credit**

**909019**

**One Semester**

**Prerequisite: None**

**Open to: Grades 10, 11, 12**

**Course Description:** Introduction to Law is a study of the basic principles of criminal and civil law. Crimes against persons and property are investigated, as well as the rights of victims and the accused. Students explore the activity of a civil lawsuit and investigate such topics as negligence, contracts, school law, and torts. In addition, students study all subject matter required by the Civics and Government Content Standards: the United States constitution and government, the rights and responsibilities of citizens, political systems, and international relations. **This course satisfies students' civics requirement for graduation.**

# Technology Education

**Technological Design 12**  
**910003**

**.5 Credit**  
**One Semester**

**Prerequisite: None**  
**Open to: All**

**Course Description:** This course focuses on technology design steps, including identifying a need, researching the problem, and building a prototype to solve various problems. Students will learn basic knowledge of various computer programs. Students will work in small groups to brainstorm and produce models for the hands on activities they will be completing. The course intends to challenge students to use their creativity to develop solutions to various design challenges.

**Computer-Aided Drafting and Design (CADD)**  
**910002**

**.5 Credit**  
**One Semester**

**Prerequisite: A grade of C or better in Technological Design**  
**Open to: All**

**Course Description:** This course will allow students to sample both Mechanical and Architectural world of Drafting and Design. Students will continue their overview of Mechanical Design allowing students to explore basic types of drawings: working, pictorial and schematic. Using CAD software, students will produce orthographic, pictorial, working and solid modeling drawings. In addition, students will explore architectural techniques, building codes and conventions. Again, using CAD software, students will produce floor, foundation, electrical, plumbing and elevation plans. This course is a hands-on learning experience that teaches students technological literacy, academic and personal development, technical knowledge, and career awareness. This course fulfills .5 of the 1 computer credit needed for graduation.

**Architectural Design II**  
**910017**

**.5 Credit**  
**One Semester**

**Prerequisite: Minimum C or better in Architectural Design I**  
**Open to: All**

**Course Description:** This course is a continuation of Architectural Design I, focusing on more advanced drafting techniques and conventions used in the field of architecture. Using Architectural CAD software and basic drawing techniques, students will produce floor, electrical, plumbing, foundation, elevation plans, and a pictorial drawing of a business. This course is a hands-on learning experience that teaches students technological literacy, academic and personal development, technical knowledge, and career awareness. This course fulfills .5 of the 1 digital technology needed for graduation.

**Electronic Technology 12**  
**910008**

**.5 Credit**  
**One Semester**

**Prerequisite: None**  
**Open to: All**



**Course Description:** Fundamentals of electricity and electronics are studied with the aim of providing a strong foundation in the understanding of electricity. Emphasis is placed on laboratory safety and the handling of basic circuits. Cell, batteries, transistors, LED's, resistance, transformers, current diagrams, soldering techniques, and printed circuit board usage are investigated through laboratory experiments and constructed projects.

**Mechanical Design II**

**.5 Credit**

**910010**

**One Semester**

**Prerequisite: A grade of C or better in Mechanical Design 12**

**Open to: All**

**Course Description:** This course is a continuation of Mechanical Design I, focusing on advanced techniques in Mechanical Design. Students using board drawing techniques and CAD software will produce advanced orthographic, pictorial, sectional, auxiliary, and exploded drawings. This class is a hands-on learning experience that teaches students technological literacy, technical knowledge, and career awareness. This course is recommended for students interested in the field of designing, drafting, science, technology, or engineering.

**Robotics**

**.5 Credit**

**910050**

**Semester**

**Prerequisite: None**

**Open to: Grades 10, 11, 12**

**Course Description:** Students in this course will develop a solid foundation in robotics. Students will build and program simple robots while getting hands-on experience with physics, sensors, small electronics, mechanical design and coding. This course is a hands-on learning experience and will prepare students for entering the area of pre-engineering and/or computer science.

**Principles of Engineering Design**

**1 Credit**

**910120**

**Full Year**

**Prerequisite: Technological Design, and either Computer-Aided Drafting and Design, Architectural or Mechanical Design I and II**

**Open to: Grades 11, 12**

**Course Description:** Principles of Engineering Design exposes students to major concepts undertaken in postsecondary study. Students will develop critical problem-solving skills that will increase their readiness for academic and career success.

## Video Technology

**Video Production I**

**.5 Credit**

**910015**

**One Semester**

**Prerequisite: None**

**Open to: All**

**Course Description:** This introductory class can be taken as a standalone course or be part of the digital media pathway. The goal of the course is for the student to develop the ability to

capture great audio, video, and to be able to edit those two elements together to tell a story. Students will learn how to work with video cameras, lights, microphones, and a variety of video editing software. Students enrolled in the course will experience being in front of and behind the camera. The course is designed to provide students the opportunity to explore a wide range of audio and video production techniques and technologies.

**Advanced Cinema / Video Production  
910118**

**1 Credit  
Full Year**

**Prerequisite: A grade of 80 or better in Video Production I and teacher recommendation**

**Open to: Grades 10, 11, 12**

**Course Description:** In this course, students will enhance their skills with video cameras, lighting equipment, sound equipment, and video editing software. Through critical analysis and practical experience students will deal with the complete process of creating both in school and in the field video productions. Throughout the year the student is required to identify and describe established techniques to create these videos. Students will learn how to raise their standards of technical and aesthetic quality in these productions. They will also learn the specifics of how to plan and manage large-scale productions. Students achieving competency in this course will be prepared to enter a film or broadcasting program at the college level.

# World Language

*The focus of the World Language Department is to see students communicate effectively in the target language. Language classes integrate the study of geography, art, architecture, history, and literature with reading, writing, speaking, and listening skills. Higher order thinking skills are addressed through problem solving in the chosen language. Advanced Placement courses in French and Spanish feature primary documents, authentic literary texts and complex cultural content.*

## FRENCH

**French 21H** **1 Credit**  
**912102** **Full Year**

**Prerequisite: Minimum A- in French 12 minimum B+ average in middle school French I and teacher recommendation**

**Open to: All**

**Course Description:** French 21 is a continuation of French Level I, as it continues to increase proficiency in listening, speaking, reading, and writing. In this honors level Pre-AP course, students will use the target language exclusively in order to develop their skills and learn about culture.

**French 22** **1 Credit**  
**912103** **Full Year**

**Prerequisite: Minimum C in French I and teacher recommendation**

**Open to: All**

**Course Description:** This course is a continuation of French Level 1. This course seeks to strengthen and expand on prior knowledge, while building a broader vocabulary base. The goal of this class is to improve communication skills in the target language and to become familiar with different cultures.

**French 31H** **1 Credit**  
**912104** **Full Year**

**Prerequisite: Minimum B in French 21 and teacher recommendation**

**Open to: All**

**Course Description:** French 31 is a continuation of French 21, as it continues to increase proficiency in listening, speaking, reading, and writing. In this honors level Pre-AP course, students will use the target language exclusively in order to develop their skills and learn about culture.

**French 32** **1 Credit**  
**912105** **Full Year**

**Prerequisite: Minimum C in French 22 and teacher recommendation**

**Open to: All**

**Course Description:** This course is a continuation of French 22. This course seeks to strengthen

and expand on prior knowledge, while building a broader vocabulary base. The goal of this class is to improve communication skills in the target language and to become familiar with different cultures.

**French 41H  
912106**

**1 Credit  
Full Year**

**Prerequisite: Minimum B in French 31 and teacher recommendation**

**Open to: All**

**Course Description:** French 41 is a continuation of French 31, as it continues to increase proficiency in listening, speaking, reading, and writing. In this honors level Pre-AP course, students will use the target language exclusively in order to develop their skills and learn about culture.

**French 42  
912107**

**1 Credit  
Full Year**

**Prerequisite: Minimum C in French 32 and teacher recommendation**

**Open to: All**

**Course Description:** This course is a continuation of French 32. This course seeks to strengthen and expand on prior knowledge, while building a broader vocabulary base. The goal of this class is to improve communication skills in the target language and to become familiar with different cultures.

**French 52: Conversation and Culture  
912023**

**1 Credit  
Full Year**

**Prerequisite: French 32 or 31, 42, or 41 and teacher recommendation needed.**

**Open to: All**

**Course Description:** The primary focus of this class is the exploration of Francophone culture around the world. Film, food, authentic activities, and audio-visual and print materials from various Francophone countries will serve as the springboard for discussion and use of language in context. Students will also make connections as they compare and contrast cultural perspectives, products and practices between the United States and francophone countries. This class is conducted solely in the target language, and students are required to speak in the target language.

**AP French  
912108**

**1 Credit  
Full Year**

**Prerequisite: B average in French 41 and teacher recommendation**

**Open to: All**

**Course Description:** This rigorous class is a continuation of French 41. This class is conducted solely in the target language, and it focuses on a wide range of interpretational and presentational skills. Students will interpret, analyze and synthesize a variety of authentic audio-visual and print materials in the target language. Formal essays and letters, as well as, conversations and presentational speaking activities will be key components of this class. Students will have the

opportunity to apply for UCONN college credit in the **UCONN Early College Experience (ECE) program.**

## SPANISH

**Digital Spanish A** **1 Credit**  
**912121** **Full Year**

**Prerequisite: None**

**Open to: All**

**Course Description:** This course is designed for the student who has never taken Spanish or the student who needs basic review. Students will be introduced to the study of the Spanish language at the beginning level. This digital class is competency-based learning that allows the student to self-pace the instruction and redo assessments until mastery is met.

**Digital Spanish B** **1 Credit**  
**912131** **Full Year**

**Prerequisite: Digital Spanish A**

**Open to: All**

**Course Description:** This course is a continuation of Digital Spanish A. It continues with the basics of the Spanish language. This digital class is competency-based learning that allows the student to self-pace the instruction and redo assessments until mastery is met.

**Spanish 21H** **1 Credit**  
**912122** **Full Year**

**Prerequisite: Minimum B+ in Spanish I and teacher recommendation**

**Open to: All**

**Course Description:** Spanish 21 is a continuation of Spanish Level I, as it continues to increase proficiency in listening, speaking, reading, and writing. In this honors level Pre-AP course, students will use the target language exclusively in order to develop their skills and learn about culture.

**Spanish 22** **1 Credit**  
**912123** **Full Year**

**Prerequisite: Minimum C in Spanish I or Digital Spanish B**

**Open to: All**

**Course Description:** This course is a continuation of Spanish Level 1 or Digital Spanish B. This course seeks to strengthen and expand on prior knowledge, while building a broader vocabulary base. The goal of this class is to improve communication skills in the target language and to become familiar with different cultures.

**Spanish 31H** **1 Credit**  
**912124** **Full Year**

**Prerequisite: B average in Spanish 21 and teacher recommendation**

**Open to: All**

**Course Description:** Spanish 31 is a continuation of Spanish 21, as it continues to increase

proficiency in listening, speaking, reading, and writing. In this honors level Pre-AP course, students will use the target language exclusively in order to develop their skills and learn about culture.

**Spanish 32**  
**912125**

**1 Credit**  
**Full Year**

**Prerequisite: Minimum C in Spanish 22**

**Open to: All**

**Course Description:** This course is a continuation of Spanish 22. This course seeks to strengthen and expand on prior knowledge, while building a broader vocabulary base. The goal of this class is to improve communication skills in the target language and to become familiar with different cultures.

**Spanish 41H**  
**912126**

**1 Credit**  
**Full Year**

**Prerequisite: Minimum B in Spanish 31 and teacher recommendation**

**Open to: All**

**Course Description:** Spanish 41 is a continuation of Spanish 31, as it continues to increase proficiency in listening, speaking, reading, and writing. In this honors level Pre-AP course, students will use the target language exclusively in order to develop their skills and learn about culture.

**Spanish 42**  
**912127**

**1 Credit**  
**Full Year**

**Prerequisite: Minimum C in Spanish 32**

**Open to: All**

**Course Description:** This course is a continuation of Spanish 32. This course seeks to strengthen and expand on prior knowledge, while building a broader vocabulary base. The goal of this class is to improve communication skills in the target language and to become familiar with different cultures.

**AP Spanish**  
**912128**

**1 Credit**  
**Full Year**

**Prerequisite: Minimum B in Spanish 41 and teacher recommendation**

**Open to: All**

**Course Description:** This rigorous class is a continuation of Spanish 41. This class is conducted solely in the target language, and it focuses on a wide range of interpretational and presentational skills. Students will interpret, analyze and synthesize a variety of authentic audio-visual and print materials in the target language. Formal essays and letters, as well as, conversations and presentational speaking activities will be key components of this class. Students will have the opportunity to apply for UCONN college credit in the **UCONN Early College Experience (ECE) program.**

**Spanish Film: Conversation and Composition H**

**1 Credit**

**912135**

**Full Year**

**Prerequisite: Minimum B in Spanish 41 and teacher recommendation**

**Open to: All**

**Course Description:** This course offers students the opportunity to develop more advanced conversation and composition skills in Spanish through a cultural study of film from Spain and Latin America. This class and the videos are conducted solely in Spanish. Students will interpret, analyze and synthesize a variety of authentic films. They will also make connections between films, the cultural perspectives and issues of Hispanic countries.

**Independent Study: Digital World Language**

**1 Credit**

**912137**

**Full Year**

**Prerequisite: None**

**Open to: All**

**Course Description:** The Digital World Language Independent Study Course utilizes the Rosetta Stone program to give students the opportunity to study a language of interest outside of the existing high school curriculum. In order to participate in the program, a student must complete and submit a Declaration of Interest Form to be approved by the administration. There are currently over 24 languages available in this program. Note: The student does this course independently and a monitoring teacher will record pass/fail grades by viewing student progress remotely.