Bethel High School Program of Studies



2024 - 2025



Bethel High School David W. Deakin Educational Park 300 Whittlesey Drive, Bethel, CT 06801 Phone: (203) 794-8600 Fax: (203) 778-7448



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 are selecting 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 2024-2025 Program of Studies you will find the following new courses and their full course descriptions:

Fashion I

904010

One Semester

Prerequisite: None

Open to: 9, 10, 11, 12

Course Description: This course will develop career and technical skills in the areas of fashion merchandising, and design. During the course students learn basic machine and hand sewing skills, construction techniques, fashion theory, elements and principles of design, merchandising, and pattern design.

Art History
900112

Prerequisite: Art I

1 Credit
Full Year

Open to: Grades 10, 11, 12

Course Description: This course is a global and comprehensive look at art and its relationship to the world through the ages. Topics include popular subjects such as Ancient Greece & Rome, Gothic, the Renaissance, Impressionism, Modern & Contemporary Art, and is inclusive of cultures beyond the Eurocentric tradition.

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,

Chityshu M. Troethi

Christopher M. Troetti/Principal

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BETHEL HIGH SCHOOL POLICIES

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

Director of Special Education and Pupil Services Section 504 District Coordinator 1 School Street Bethel, CT 06801 Phone: (203) 794-8616

email: sipaalac@bethel.k12.ct.us

Dr. Christine Sipala

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

Our Vision of the Graduate

We know that in the age of information and the shift to a global economy, 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. In the literature, these skills are sometimes referred to as 21st Century Skills, which we are now referring to as global competencies. We expect that students who graduate from Bethel Public Schools will be proficient in all skill areas. These areas include: 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 in the form of rubrics. For more information on the global competencies, please follow this link: Global Competencies

Our Core Values



Our Mission

The mission of Bethel High School is to develop lifelong learners who are emotionally, intellectually, and socially competent and are committed to the betterment of their community while having the confidence to pursue their aspirations in an ever-changing world.

Beliefs About Learning:

We believe that developing caring and supportive relationships are essential for the physical, social-emotional, and intellectual development of our students.

We believe civically engaged students are able to effectively communicate, make informed decisions, problem solve and contribute to society.

We believe that perseverance is a habit of mind to be fostered and enhanced throughout our community of learners.

We believe that a challenging and personalized curriculum fused with technology fosters students' intellectual curiosity, innovation, critical thinking and collaboration.

We believe that educational excellence benefits the entire community and is the shared responsibility of the students, families, educators, staff and citizens.

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 <u>COURSE SELECTION FORM</u> 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.

When requesting courses, students should be guided by the list of graduation requirements located on the pages

before the course descriptions. 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

Advanced 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. If a student does not take the required AP exam, the student will not receive AP-level credit for the course. The student will be required to take the end-of-year final exam for that class. The current cost of each test is \$95 (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 SCHEDULE CHANGE

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 the first week of the school year 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) or Withdraw Pass (WP) grade will be received for dropping a course after the first 5 weeks of school, for reasons other than those stated above. This withdrawal will show on the student's transcript.

PREREQUISITES

Because of the sequential nature of certain courses and the necessity of establishing a firm foundation prior to moving onto more advanced 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 A- 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 criteria for academic level courses is the recommendation of the current teacher and meeting the minimum grade requirements for prerequisite courses.

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 6.0 Grade 11 12.0 Grade 12 18.0

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

District's Academic Performance Expectations: 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

Reading and Writing Across the Disciplines - The student shall meet the Reading and Writing standards for achievement as defined by the district as described in the handbooks.

- A. Meet standard on the Bethel High School Literacy Assessment; OR
- B. Achieve a standard of performance on the Advanced Placement English Literature or Advanced Placement English Language assessment; OR
- C. Meet standard on the Bethel High School Literacy Portfolio; OR
- D. Meet standard on a mastery examination approved by the State Board of Education or another like standardized assessment in the area of literacy; OR
- E. Successfully complete an approved semester elective course, within the English or Social Studies departments in addition to the 4 units of English and 3.5 units of Social Studies required for graduation by the end of senior year.

Science - The student shall meet the science standards for achievement as defined by the district as described in the handbooks.

- A. Meet standard on the Bethel High School Science Assessment; OR
- B. Achieve a standard of performance on an Advanced Placement Science assessment: OR

- C. Meet standard on the Bethel High School Science Portfolio; OR
- D. Meet standard on a mastery examination approved by the State Board of Education or another like standardized assessment in the area of Science; OR
- E. Successfully complete an approved semester elective course, within the Science department in addition to the 3 units of Science required for graduation by the end of senior year.

Mathematics - The student shall meet the mathematics standards for achievement as defined by the district as described in the handbooks.

- A. Meet standard on the Bethel High School Mathematics Assessment; OR
- B. Achieve a standard of performance on an Advanced Placement Mathematics assessment; OR
- C. Meet standard on the Bethel High School Mathematics Portfolio; OR
- D. Meet standard on a mastery examination approved by the State Board of Education or another like standardized assessment in the area of Mathematics; OR
- E. Successfully complete an approved semester elective course, within the Mathematics department in addition to the 3 units of Mathematics required for graduation by the end of senior year.

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 +	87-90	88	F	59 AND BELOW	55
В	83-86	85	P	Pass	
В-	80-82	81	I	Incomplete	
C+	77-79	78	M	MEDICAL	
C	73-76	75	WP	WITHDREW PASS	
C-	70-72	71	WF	Withdraw Fail	

HONOR ROLL

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 <u>each</u> course. **High Honors:** Average of 90.0 or better with no mark below "B-"

General Honors: Average of 85.0 with no mark below

SEQUENTIAL COURSES

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

that a student does 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 30-59 (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.

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, Habits of Mind, math intervention classes, literacy intervention classes and SAT classes. Bethel High School is continuing to develop new and innovative programs for each student to succeed. Special course offerings are attained through school counselor, teacher recommendations and must receive administrative approval.

TASK

Bethel Public School's TASK program is aligned to the CSDE Guidelines for Alternative Education Settings. It is a voluntary alternative educational program located within Bethel High School. TASK is a secondary school program which runs from 7:35 am – 12:46 pm and is designed to meet the academic, social and vocational needs of secondary students who are not being successful in the traditional high school regular or special education programs. Students who are short credits for graduation are required to stay until 2:00 pm in order to participate in Credit Recovery. The academic standards in the alternative setting are the same as for all students who attend Bethel High School. TASK students are provided with graduation requirements including 4 academic courses (math, science, English and social studies), 4 elective classes, community service and Capstone. All courses are taught by certified Bethel High School teachers. Academic supports include small class size, differentiated and individualized instruction and a modified curriculum in a highly structured environment. The TASK program also provides a a teacher coordinator, social worker/substance abuse counselor, school counselor, paraeducator, and dedicated building administrator.

TASK students are provided the opportunity to participate in a credit recovery program, earn credit through work study or take additional classes at Bethel High School at the close of the TASK school day. Students also participate in nontraditional activities and structured experiential opportunities which encourage personal growth and development as well as preparation for postsecondary education or vocational pursuits.

Students can apply for enrollment in the program, be referred to the program by a parent or be referred by a member of the Student Assistance Team (SAT).

POST SECONDARY 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, so please check Naviance for each college of interest course requirements. Please reference Bethel High School Graduation Requirements to review current class completions and what is needed for Bethel High School Graduation requirements.

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 freshman 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.

College Planning Timeline - Grades 9-12

COLLEGE and CAREER CENTER

The College & Career Center (CCC) assists all students in their post high school planning throughout the school year. The CCC hosts a number of events and workshops that include college & trade school visits from admissions representatives, military service meetings, college assistance workshops and career presentations. There's also plenty of other resources that are available including brochures and materials from colleges, SAT/ACT registration and test prep information and other resources concerning careers and military service. Students can get assistance accessing their Naviance account and receive guidance on the many search tools and assessments available. The CCC Coordinator can also meet individually with students to assist with college exploration, applications, scholarships, etc. For those students tracking their community service hours using our new x2VOL system, they can also get help with their account and logging hours for graduation.

NCAA ELIGIBILITY

Courses at Bethel High School which met Initial NCAA requirements are labeled in the course description. For all information regarding NCAA eligibility, please visit the NCAA Eligibility Center website at: ELIGIBILITY GUIDE

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 Courses at BHS:

Students enrolled in AP Courses are required to pay the exam fee in the fall and take the exam(s) in May.

AP Art and Design AP Biology AP Calculus BC
AP Art History AP Calculus AB AP Chemistry

AP Language and Composition AP Spanish AP Literature and Composition AP Statistics

AP US History

AP Computer Science AP Literature and Compose
AP Environmental Science AP Music Theory
AP European History AP Physics 2

AP French AP Physics C
AP Human Geography AP Psychology

Other Advanced Placement course may be taken through Virtual High School (VHS)

Western Connecticut State University Early College Program:

The Early College Program allows juniors and seniors 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 2024-2025 school year, students were charged a flat fee of \$150 for each course they applied for each semester. WCSU also limited the number of courses that could be applied to two per semester. To receive credit for Calculus 1, students must also take the WCSU Calculus I final exam.

Calculus 42 Statistics 42
AP Calculus AB AP Statistics
AP Calculus BC Cadet Teaching

The university reserves the right to change requirements.

Students may also take a WCSU course at the campus itself. Students should see their counselors for details.

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. University credits are highly transferable to other universities. For the 2024-2025 school year, students were charged a \$50/credit 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 an online registration process that students are expected to follow through and complete independently in order to receive the credit. For additional information visit: http://www.ece.uconn.edu. The following courses will be taught at BHS as part of the UCONN ECE program, pending final approval by UCONN in the spring of 2024:

Advanced Writing AP Physics 2
ECE College History AP Physics C
AP/ECE US History AP Music Theory

Drawing II AP Fundamentals of Ear Training

UCONN Physics AP French
AP Calculus BC AP Stats
Elementary Discrete Math Statistics 42

Essentials of Economics

Individual & Family Development

The university reserves the right to change requirements.

Other College Credit

Students may also take a course at a campus offsite or virtually. However, in order to receive credit a student **MUST** first get administrative approval for all college courses. Students should see their counselors for details.

BHS PATHWAYS

The BHS Pathways Program is designed to connect students with specific interests to a concentration of study. This program allows students to increase their depth of knowledge, participate in internships and/or other varied experiences and provides them with an opportunity to earn a certificate upon graduation. There are currently six Pathways:

- Art
- Business
- Career Technical Readiness
- Education
- Global Studies
- Healthcare

For more detailed information and sign-up forms, please visit BHS Pathways.

CAREER READINESS OPTIONS

In order to provide students with a more comprehensive high school experience, Bethel High School offers juniors and seniors a variety of opportunities in career readiness and to earn credits outside of the high school. The goal of these offerings is to provide students the opportunity to earn college credits, explore career choices and to expand their horizons. Bethel High School encourages juniors and seniors to take advantage of these offerings in order to facilitate the transition to life after high school.

Seniors enrolled in Career Readiness Options must carry a minimum of seven credits. Enrolled seniors may 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 leave early, 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.

Cadet Teaching Internship 901108

1 Credit **Full Year**

Prerequisite: None

Open to: Grade 11 and 12

Course Description: The Bethel High School Cadet Teaching Internship Program is open to juniors and seniors interested in learning more about the teaching profession. With a projected shortage of teachers in the near future, this is a great opportunity for students who are contemplating a career as a teacher. Cadet teachers will be given the opportunity to work with teachers (grades K-12) in the Bethe Public Schools, as well as attend discussion groups on educational topics. Academic work on Google Classroom and a final portfolio are required. Seniors enrolled in the cadet teaching program will be expected to concurrently enroll in the Cadet Teaching Capstone course and complete additional requirements in order to satisfy the Capstone graduation requirement.

Health Care Internship 925022

.25 Credit

Prerequisite: None

One Semester

S

Open to: Grade 11 and 12

Course Description: The Health Care Internship is designed as a two-year program for juniors and seniors. Students may shadow up to 2 different, 8-week placements in the areas in which they have expressed an interest. The Regional Healthcare Shadowing program is designed so that the student can shadow professionals and learn all aspects of the industry, gaining an understanding about the skills needed to be successful in that career. All students are required to attend the mandatory orientation, and the after school workshops held approximately once per month. The workshops are held after school at one of the centrally located high schools. Students are required to provide their health insurance coverage information, to get a PPD (Mantoux TB test), a flu shot and provide documentation that they are up to date on immunizations. Seniors enrolled in the Health Care Internship program will be expected to concurrently enroll in the Health Care Internship Capstone course and complete additional requirements in order to satisfy the Capstone graduation requirement.

Cooperative Work Study Program 901150

.5 Credit One Semester

H S

H S

Prerequisite: Approval of Administrator

Open to: Grades 11 and 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. Seniors enrolled in the Cooperative Work Experience/Study program will be expected to concurrently enroll in the Cooperative Work Experience/Study Capstone course and complete additional requirements in order to satisfy the Capstone graduation requirement.

SENIOR ONLY COURSES:

Student Internships .5 Credit
925011 One 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. Seniors enrolled in the Student Internship program will be expected to concurrently enroll in the Student Internship Capstone course and complete additional requirements in order to satisfy the Capstone graduation requirement.

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: https://my.vhslearning.org/PublicStudentCourseList.aspx
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 Experience is a four-year program that is a 1 credit graduation requirement. Throughout their four years, students will complete such things as 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. All of these tasks are designed to help students identify interests that they might pursue for their senior year Capstone project. Students are awarded 1 credit their senior year for completing specific tasks and assignments.

Senior year students will have chosen a pathway and will focus on completing their capstone 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 earn their 1 credit capstone requirement, students must successfully complete and present their culminating project during the first semester of their senior year to a capstone evaluation committee. Students will be enrolled in a first semester Capstone course in order to provide support and direction for their project.

One of the following Capstone semester courses MUST be selected by every senior:

- Career and Technical Education Capstone Course #950023
- Art Capstone Course #950030
- Cadet Teaching Capstone (must be selected in conjunction with the Cadet Teaching course) Course #950035
- Cooperative Work Experience Capstone (must be selected in conjunction with the CWE course) Course #950034
- ELCapstone Course #903117
- EMT Capstone (must be selected in conjunction with the EMT course) Course #950036
- English Capstone Course #950020
- Health Care Internship Capstone (must be selected in conjunction with the Health Care Internship course) Course #950045
- Mathematics Capstone Course # 950021
- Music Capstone Course # 950028
- NJROTC Capstone (must be selected in conjunction with the Naval Science 42 course) Course # 950029
- Other Capstone Course #950038
- PE/Health Capstone Course #950037
- Science Capstone Course # 950026
- Social Studies Capstone Course #950022
- Student Internship Capstone (must be selected in conjunction with the Student Internship course)
- Course #950033

BETHEL HIGH SCHOOL GRADUATION REQUIREMENTS

for the class of 2023 and beyond (25 Total Credits Needed)

Minimum Requirements	Grade 9 Courses	Grade 10 Courses	Grade 11 Courses	Grade 12 Courses	Total Credits		
HUMANITIES (9 Credits Total)							
English 4 Credits: Core Classes Eng 11 or 12 Eng 21 or 22 Eng 31, 32 or AP Lang Senior Only Eng or AP Lit							
Social Studies 3.5 Credits: 1 World History Credit 1 U.S. History Credit .5 Civics Credit							
Fine Arts .5 Credits: Art, Music or Theater							
Humanities Elective 1 Credit: English, Art, Music, Theater, Social Studies and selected Career and Technical EducationCourses							
STEM (9 Credits Total)							
Mathematics 3 Credits:							
Science 3 Credits							
Digital Technology 1 Credit							
Personal Finance .5 Credit:							
STEM Electives 1.5 Credits: Math, Science, and Selected Career and Technical Education Courses							

World Language, Physical Education and Health 3 Credits						
World Language 1 Credit: Please see Program Book						
Physical Ed/Wellness, Health and Safety 2 Credits: .5 Credits 9th Grade Health .5 Credits 11th Grade Health 1 Credits Physical Ed.						
Mastery Based Learning 1.5 Credits						
Capstone Project 1 Credit						
Service Learning .5 Credit: 60 Hours						
Electives 2.5 Credits						
Elective Courses 2.5 Credits						
Total Credits Should Equal 25			Total Credits			

In order to determine if an elective meets the graduation requirement for a fine arts, digital, humanities or STEM course, please see the following **BHS Electives Categories** chart.

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 the back 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.

Departments:

AKI	Page 21				
Career and Technical Education Business Programs Computer Application Family and Consumer Science Internships Technology Education Video Technology	Page 26 Page 28 Page 29 Page 31 Page 32 Page 34				
English	Page 35				
Mathematics	Page 44				
Music and Performing Arts	Page 49				
NJROTC	Page 54				
Physical and Health Education	Page 56				
Science	Page 59				
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World Language	Page 72				
Additional Courses	Page 76				
Symbol Key:					
Courses which meet the Humanities requirement = Courses which meet the STEM requirement = Courses which meet the Digital Technology requirement =					

<u>Art</u>

Bethel Public Schools ART Department Vision

We believe that all humans have the inherent need to express themselves as a part of their emotional spirit. We believe that all children deserve the opportunity to learn a variety of art methods and to develop their skills with a diverse range of materials. We believe in challenging our students to persevere through complex concept exploration; develop their capacity for descriptive and detailed observation, analysis and interpretation of the world in which we live; and to nurture their aesthetic identity through the development of their personal voice.

Please click on the following link to see what the Art Department has to offer: Art Classes

Art I .5 Credit 900000 One Semester

Prerequisite: None

Open to: All

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

OR

Unified 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 studio work in design, drawing, painting, printmaking, sculpture and other media. Art history will be presented as it relates to the materials and techniques taught. Unified ART I or Art I is a prerequisite for all art courses.

* This course can be taken every year

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 One Semester

Prerequisite: Art I Open to: All **Course Description:** This course features an in-depth study of different techniques and materials. Emphasis is on observational skills, understanding perspective, and realizing proportion in the human figure. This is a prerequisite for several advanced level art courses.

Drawing II (UCONN Art 1030)

.5 Credit

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900035 Prerequisite: Art 1 and Drawing I **One Semester**

Open to: Grades 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 is placed on completing works using more sophisticated drawing techniques and a more individualized approach for assignments. 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 .5 Credit One Semester

Prerequisite: Art I and Drawing I

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Open to: Grades 10, 11, 12

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

Printmaking .5 Credit 900007 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 also examined.

Craft Design .5 Credit 900030 One Semester

Prerequisite: Art I

Open to: All

Course Description: Students learn 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 .5 Credit 900004 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 also learn to use the potter's wheel. Art history, critical analysis, problem-solving, and aesthetics are components of this course.

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

Prerequisite: Art I and 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. They develop and experiment with more sophisticated concepts, such as scale and combination techniques. Further emphasis is placed on the potter's wheel.

Beginning Photography .5 Credit 900010 **One Semester Prerequisite: Art I** H S D

Open to: All

Course Description: Using both Historical and Contemporary methods, students explore the medium from its inception to modern day. The course will incorporate the importance of exposure using traditional film, digital and experimental techniques. Assignments will increase proficiency and understanding of the camera and print development in all media. It is designed to encompass physical, hands-on skills and digital technology in photography that show artistic and technical merit. Master photographers, critical analysis, problem-solving and aesthetics are important components of this course. This course fulfills .5 of the 1 digital technology credit needed for graduation.

Photography II .5 Credit 900011 One Semester H S D

Prerequisite: Art 1 and Beginning Photography

Open to: Grades 10, 11, 12

Course Description: This course is for students with a background in basic photography, including camera operation, film development and darkroom procedures, both digital and traditional. Assignments are designed with an emphasis on fine printing and the study of historical and aesthetic concerns, advanced hand coloring techniques and creative experimentation. This course will serve as a continuation of Beginning Photography, with additional curricula based in STEAM education. This course fulfills .5 of the 1 digital technology credit needed for graduation.

Photoshop Design

.5 Credit 902003 **One Semester Prerequisite: Art I** H S D

Open to: ALL

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.

Honors Studio Art 1 Credit 900114 Full Year

Prerequisite: Drawing I Open to: Grades 10, 11, 12

Course Description: This course is recommended for students who are extremely interested in the field, and includes the development of portfolio samples and assignments that can be used for college applications and career advancement. Students have a great deal of control in the direction and focus of their art exploration. This course directs student learning through the development of creative habits of mind and artistic behaviors. Summer work is required.

AP Art and Design 1 Credit 900120 Full Year

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Prerequisite: Honors Studio Art and signature of Art Coordinator

Open to: Grade 12

Course Description: This course is recommended for seniors planning to study art in college or pursue a creative career. The course includes portfolio preparation, and the investigation of the AP Studio exam, which is administered in May. Students choose between three focus areas: Drawing/Painting, 2D Design, and 3D Design. As in Honors Studio ART, students have a great deal of control in the direction and focus of their art exploration, and become self-directed artists. Summer work is required. This course meets the Capstone Project graduation requirements.

Art History 1 Credit 900112 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 relationship to the world through the ages. Topics include popular subjects such as Ancient Greece & Rome, Gothic, the Renaissance, Impressionism, Modern & Contemporary Art, and is inclusive of cultures beyond the Eurocentric tradition.

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 relationship context to the world through the ages. Topics include popular subjects such as Ancient Greece & Rome, Gothic, the Renaissance, , Impressionism, Modern & Contemporary Art, and is inclusive of cultures beyond the Eurocentric tradition. The College Board Advanced Placement test given in May is required.

Yearbook Design and Production 914108

1 Credit Full Year

Prerequisite: Photoshop or Beginning Photography

H S D

and of application acceptance

Open to: Grades 11, 12

Course Description: Students plan, finance and produce the BHS *Wildcat* yearbook. Design, photography, 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. Submit an application if interested!

Independent Study ART 900038

0.5 or 1 Credit

M

Semester or Full Year

Prerequisite: Approval of Art Coordinator Required

Open to: Grade 10, 11, 12

Course Description: This course is recommended for student artists who have thoroughly explored all BHS ART course offerings in a specific medium, and wish to continue their studies. This course meets the Capstone Project graduation requirements.

Possible options are:

- Independent Study Painting (must have taken Painting)
- Independent Study Ceramics (must have taken Ceramics I and II)
- Independent Study Sculpture (must have taken Sculpture)
- Independent Study Photography (must have taken Beginning Photography; and Photography II)
- Independent Study Digital ART (must have taken Photoshop Design and UCONN Digital Media Foundations)

ART Department Internship - Studio Assistant 900024

0.5 or 1 Credit

Semester or Full Year

Prerequisite: Approval of Art Coordinator Required

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Open to: Grade 11, 12

Course Description: This course is recommended for student artists who are interested in gaining hands-on studio experience as an intern in the ART Department. Students maintain studio spaces, equipment and materials, instructionally assist ART faculty, and work on their own portfolio as time allows.

Literary Art Publications 903026

.5 Credit One Semester

Prerequisite: None

H S D

Open to: 9-12

Course Description: This course introduces students to the publishing process. Students will generate and compile original content, both written and visual, curate submissions, complete digital and image editing, design pages for publication, and use a final, collaborative edit in the publishing of a large-scale work. Using a workflow system in conjunction with Adobe InDesign and Photoshop, advanced collaboration skills and strong student leadership contribute to a final literary art product that showcases student work, intended for a larger audience to enjoy.

Career and Technical Education

Business Programs

Intro to Business (Business Fundamentals) 901026

.5 Credit

One Semester

Prerequisite: None

S

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. Instructor's guide students in group activities, current events discussions, and field experiences to prepare students for successful participation in the workplace.

Personal Finance .5 Credit 901030 One Semester

Prerequisite: None

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Open to: Grades 10, 11, 12

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 .5 Credit 901018 One Semester

Prerequisite: None

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 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.

Accounting I .5 Credit 901014 One Semester

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 startup company.

Accounting II .5 Credit 901033 One Semester

Prerequisite: Minimum B- in Accounting I or teacher recommendation

Open to: Grades 10, 11, 12

Course Description: Students will learn how to form business 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.

Marketing I: Fundamentals 901036

.5 Credit One Semester

Prerequisite: None

One Semester

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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.

Marketing II: Applications 901037

.5 Credit

Prerequisite: Marketing I

One Semester

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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 Info and Applications for Business 902015

.5 Credit One Semester

Prerequisite: None

ie Semester S D

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.

Desktop Web Design and Development

.5 Credit

902000

One Semester

Prerequisite: None

S D

Open to: All

Course Description: Web Design and Development 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

One Semester

Prerequisite: None Open to: All S D

.5 Credit

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 .5 Credit
902012 One Semester

Prerequisite: Grade of C or better in Graphic Design I

S D

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 InDesign. They will create an electronic portfolio of work that demonstrates their skill progression.

Computer Science .5 Credit 902119 One Semester

902119 One Semester Prerequisite: None

Open to: 10, 11, 12

Course Description: This course is an introductory course designed for students who have an interest in computer science and related fields. Upon completion of this course, students will have a better understanding of the field of Computer Science, computer coding languages, hardware, and software systems.

AP Computer Science Principles 902120

1 Credit Full Year

Prerequisites: None Open to: Grades 11, 12 S D

Course Description: This course is a college level class designed for students who have an interest in computer science and/or engineering. Upon completion of the course, students will have a broadened understanding of the foundational concepts of computer science: creative development, data, algorithms and programming, computing systems and networks, and impact of computing.

AP Computer Science A 902121

1 Credit

Full Year

Prerequisites: Successful completion of Algebra 1 and Gr. 10 English as well as any two of the following:

S D

Desktop & Web Design, Robotics, Computer Science, or AP Computer Science Principles.

Open to: Grades 11, 12

Course Description: This course is a college level class designed for students who have an interest in computer science, engineering, software design, and systems architecture. Upon completion of this course, students will gain a familiarity with designing programs, developing algorithms, writing/testing/correcting code, and documenting and explaining how program code works.

Family and Consumer Science

Culinary Arts I 12 .5 Credit 904003 One Semester

Open to: Grades 9, 10, 11, 12

H S

Prerequisite: None

Course Description: In this course you will develop foundational skills necessary to prepare nutritious meals at home. Topics of study will include nutrition, food preparation, consumer decisions, and current global issues concerning food production.

This is an introductory foods laboratory cooperative learning experience. 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 and Baking .

Culinary Arts II 22 .5 Credit 904005 One Semester

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

H S

Open to: Grade 11, 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.

Baking .5 Credit One Semester

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

H S

Open to: Grade 11, 12

Course Description: In this course, students will learn about baking and pastry, with an emphasis on baking techniques, yeast bread and rolls, quick breads, pastry, and desserts. Students will also be provided the opportunity to evaluate career options offered in the baking industry.

Child Development 12 (Early Childhood Education) 904006

.5 Credit

One Semester

Prerequisite: None

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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 and characteristics of preschool-age and early elementary school children. Students also have the opportunity to work directly with children providing them with real world experience. Through participation in this program students apply their knowledge and gain first-hand experience working with young children.

Child Development 22 (Family Life Education) 904007

.5 Credit One Semester

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

Semester

Open to: 10, 11, 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 preschool and early elementary age 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 students interested in a career based in psychology, counseling or the health field.

Fashion I .5 Credit 904010 **One Semester**

Prerequisite: None

Open to: 9, 10, 11, 12

Course Description: This course will develop career and technical skills in the areas of fashion merchandising, and design. During the course students learn basic machine and hand sewing skills, construction techniques, fashion theory, elements and principles of design, merchandising, and pattern design.

Individual and Family Development 904100

1 Credit Full Year

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

Child Development 22

Open to: 11, 12

Course Description: This college level course is highly recommended for students who are preparing for careers in education, human services, psychology, family studies, social work and health occupations. Admission is based on academic performance, attendance, and citizenship. It is an introduction to the general study of human development from conception through old age. The course examines physical, intellectual, social and emotional growth across the lifespan, emphasizing that development results from the interdependence of these areas at every stage. The course requires 40 hours beyond the classroom which could include an internship/extended learning experience. 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.

Internships

Cadet Teaching 1 Credit 901108 Full Year **Prerequisite: None**

Open to: Grade 11 and 12

Course Description: The Bethel High School Cadet Teaching Internship Program is open to juniors and seniors interested in learning more about the teaching profession. With a projected shortage of teachers in the near future, this is a great opportunity for students who are contemplating a career as a teacher. Cadet teachers will be given the opportunity to work with teachers (grades K-12) in the Bethe Public Schools, as well as attend discussion groups on educational topics. Academic work on Google Classroom and a final portfolio are required. Seniors enrolled in the cadet teaching program will be expected to concurrently enroll in the Cadet Teaching Capstone course and complete additional requirements in order to satisfy the Capstone graduation requirement.

Health Care Internship 925022

925022 One Semester Prerequisite: None

Open to: Grade 11 and 12

Course Description: The Health Care Internship is designed as a two-year program for juniors and seniors. Students may shadow up to 2 different, 8-week placements in the areas in which they have expressed an interest. The Regional Healthcare Shadowing program is designed so that the student can shadow professionals and learn all aspects of the industry, gaining an understanding about the skills needed to be successful in that career. All students are required to attend the mandatory orientation, and the after school workshops held approximately once per month. The workshops are held after school at one of the centrally located high schools. Students are required to provide their health insurance coverage information, to get a PPD (Mantoux TB test), a flu shot and provide documentation that they are up to date on immunizations. Seniors enrolled in the Health Care Internship program will be expected to concurrently enroll in the Health Care Internship Capstone course and complete additional requirements in order to satisfy the Capstone graduation requirement.

Cooperative Work Study Program 901150

.5 Credit One Semester

H S

.25 Credit

Prerequisite: Approval of Administrator

Open to: Grades 11 and 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. Seniors enrolled in the Cooperative Work Experience/Study program will be expected to concurrently enroll in the Cooperative Work Experience/Study Capstone course and complete additional requirements in order to satisfy the Capstone graduation requirement.

Technology Education

Tech Design 12 .5 Credit 910003 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).5 Credit 910025

One Semester

S D

Prerequisite: A grade of C or better in Technological Design

Open to: 10, 11, 12

Course Description: This course will allow students to sample both the 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.

CAD II (Arch. DesignII and Mechanical Design II) 910029

.5 Credit One Semester

Prerequisite: A grade of C or better in Computer Aided Drafting and Design

Open to: 10, 11, 12

Course Description: This course is a continuation of Computer Aided Drafting and Design, focusing on more advanced drafting techniques and conventions used in the field of architecture and mechanical design. 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.

Electronic Technology 12

.5 Credit

910008 Prerequisite: None **One Semester**

Open to: All

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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.

Robotics .5 Credit 910050 One Semester

Prerequisite: None

Open to: Grades 10, 11, 12

Course Description: This course is designed for students who have an interest in computer science fields, specifically robotics. Upon completion of this course, students will have a better understanding of the field of Robotics, computer coding language, and hardware.

Principles of Engineering Design 910120

Prerequisite: A grade of C or better in CADD II

Open to: Grades 11, 12

Course Description: Culminating class for career pathway providing students with practical and relevant experience in a variety of engineering disciplines. Students will put into practice problem solving skills developed through previous classes, and increase their readiness.

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

.5 Credit One Semester

Prerequisite: Video Production I and teacher recommendation

.5 Credit

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One Semester

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. 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.

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 11H 1 Credit 903101 **Full Year**

Prerequisite: 8th 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 presentation skills. Students read three books for summer reading. This is a full year course and earns the student one credit towards the English graduation requirement. This course meets NCAA initial-eligibility certification.

English 12 1 Credit 903102 Full Year H

Prerequisite: 8th 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. This course introduces how to deeply examine text in a complex world. 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 towards the English graduation requirement. This course meets NCAA initial-eligibility certification.

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 supports students' recognition of the power of rhetoric. Students read two books for summer reading. This is a full year course and earns the student one credit. **This course meets NCAA initial-eligibility certification.**

English 22

903106

Prerequisite: English 12

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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. A greater emphasis is placed on literary theory and research skills in this course. This is a full year course and earns the student one credit towards the English graduation requirement. This course meets NCAA initial-eligibility certification.

A.P. Language and Composition 903160

1 Credit Full Year

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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 up to 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 towards the English graduation requirement. This course meets NCAA initial-eligibility certification.

English 31H 1 Credit 903109 Full Year

Prerequisite: English 21H 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 two books for summer reading. All students will also participate in a career exploration opportunity. This is a full year course and earns the student one credit towards the English graduation requirement. **This course meets NCAA initial-eligibility certification.**

English 32 903110 1 Credit Full Year

Prerequisite: English 21H or 22

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. All students will also participate in a career exploration opportunity. This is a full year course and earns the student one credit towards the English graduation requirement. This course meets NCAA initial-eligibility certification.

American Studies (English 32) 903150

1 Credit Full Year

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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 towards the English graduation requirement. This course meets NCAA initial-eligibility certification.

SENIOR YEAR ENGLISH OPTIONS

AP English Literature and Composition 903151

1 Credit 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 up to 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. This course meets NCAA initial-eligibility certification.

Advanced Writing (UCONN ECE) 903027

.5 Credit One Semester

Prerequisite: None

Open to: Grade 12

Course Description: This course is offered to seniors. It focuses on skills and conventions of composition. This is a seminar class, where students will engage in reading, discussion, and writing or creating in multiple modes and mediums. This is a "community-based" course using inquiry and productive exploration to foster understanding and develop collegiate-level writing skills. Additionally, students will learn how to apply the conventions of academic research and writing to produce products that meet the expectations of the post-secondary level. This is a semester course and earns the student a .5 credit towards the English graduation requirement. 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. This course meets NCAA initial-eligibility certification.

Gender Studies .5 Credit
903053 One Semester
Prerequisite: None

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, writing and discussion 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 towards the English graduation requirement. **This course meets NCAA initial-eligibility certification.**

Honors Literature .5 Credit 903056 One Semester

Prerequisite: None

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 two 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, creative writing and debate skills will be emphasized. This is a semester course and earns the student a .5 credit towards the English graduation requirement. This course meets NCAA initial-eligibility certification.

Contemporary Fiction: Out With the Old, In With the New .5 Credit 903051 One Semester

Prerequisite: None

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 towards the English graduation requirement. This course meets NCAA initial-eligibility certification.

Science Fiction and Fantasy Genre Study "Quest to the Future .5 Credit 903055 One Semester

Prerequisite: None

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 towards the English graduation requirement. **This course meets NCAA initial-eligibility certification.**

Sports Literature: Profiles in Leadership, Perseverance, and Diversity
903052

.5 Credit
One Semester

Prerequisite: None

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 towards the English graduation requirement. This course meets NCAA initial-eligibility certification.

The Creative Process .5 Credit 903054 One Semester Prerequisite: None

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 Creative Process includes a semester-long project that allows the students to explore and pursue their own passions while encouraging creativity. During the project, students will develop their critical thinking skills, time management skills, inquiry skills, and life skills beyond the classroom. This is a semester course and earns the student a .5 credit towards the English graduation requirement. **This course meets NCAA initial-eligibility certification.**

ELECTIVES OPEN TO ALL

The following English electives do not satisfy the English requirement for graduation.

Creative Writing .5 Credit 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. This course meets NCAA initial-eligibility certification.

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: 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: 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 M

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 903024

.5 Credit

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

.5 Credit

903025

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 .5 Credit

903015 One Semester Prerequisite: None

Open to: 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: 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. This course meets NCAA initial-eligibility certification.

SAT: Critical Reading and Writing 914007

.5 Credit One Semester

Prerequisite: None

Open to: 10, 11, 12

This course is taken in addition to the full-year courses in Grades 10, 11, 12 (S1). 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.

Peer Leadership 1 Credit 914004 Full Year

Prerequisite: Application Process

Open to: 10, 11, 12

Course Description: Peer Leadership is a full year course that focuses on fostering the leadership qualities of our 10th-12th grade students through learning about the skills, characteristics, and actions of effective leaders and ask students to implement these qualities in the BHS community. Students will learn effective strategies focused around building a rapport with peers, developing academic strategies, and instilling a sense of personal and social responsibility in their peers. Students will then mentor peers in the building and the BPS community; making connections with students that need peer assistance, whether it is academic or other.

Enrollment in this course is limited and all students must go through an application process.

Literary Arts Publications 903026

Prerequisite: None

Open to: 9-12

.5 Credit One Semester

Course Description: This course introduces students to the publishing process. Students will generate and compile original content, both written and visual, curate submissions, complete digital and image editing, design pages for publication, and use a final, collaborative edit in the publishing of a large-scale work. Using a workflow system in conjunction with Adobe In Design and Photoshop, advanced collaboration skills and strong student leadership contribute to a final literary art product that showcases student work, intended for a larger audience to enjoy.

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.

In order to meet the varying needs of students, we offer multiple course sequence options. Sequences of math courses can be taken at varying levels and students may switch between levels based upon growth over time. Typical courses of studies include but are not limited to:

- Algebra I, Algebra II, Geometry, Precalculus and/or Statistics
- Algebra I, Algebra II, Geometry, Elementary Discrete Math
- Algebra II, Geometry, Precalculus, Calculus and/or Statistics
- Integrated Math I, Integrated Math II, Financial Algebra I, Financial Algebra II

Algebra I 12
906102
Prerequisite: None

1 Credit
Full Year

Open to: All

Course Description: Algebra I is the foundation on which all succeeding mathematics courses are based. Students complete six units based on the CT Core Standards: One Variable Statistics, Linear Equations, Inequalities, and Systems; Two-variable Statistics, Two Functions, Introduction to Exponential Functions, and Introduction to Quadratic Functions. Students will use problem-solving and critical-thinking skills to solve real-world problems. Students who need more practice or support in math should also enroll in Algebra I Lab. This course meets NCAA initial-eligibility certification.

Algebra I Lab
906127
Prerequisite: None

1 Credit
Full Year

Open to: All Students Enrolled in Algebra I 12

Course Description: Algebra I Lab must be taken concurrently with Algebra I 12. Students in Algebra I Lab will complete lessons focused on reinforcing prerequisite skills required for Algebra I and additional practice of Algebra I concepts.

Algebra II 22 906108 1 Credit Full Year

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Prerequisites: Algebra I and Teacher Recommendation

Open to: All

Course Description: Students complete six units based on CT Core Standards for Algebra II: Sequences and Functions, Quadratic Equations, Polynomials and Rational Functions; Complex

Numbers and Rational Exponents, Exponential Functions and Equations, and Transformations of Functions. This course meets NCAA initial-eligibility certification.

Algebra II 21H 1 Credit 906107 Full Year

Prerequisites: Algebra I and Teacher Recommendation

S

Open to: All

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 22, but with a wider scope, greater depth, and more intensive pace. Units include: Sequences and Functions, Quadratic Equations, Polynomials and Rational Functions, Complex Numbers and Rational Exponents, Exponential Functions and Equations, and Transformations of Functions.

This course meets NCAA initial-eligibility certification.

College Algebra 42 1 Credit 906155 Full Year

Prerequisite: Algebra II and Teacher Recommendation

S

Open to: All

Course Description: This course offers the student the development of numeric, algebraic, and graphic problem solving techniques beyond the intermediate level. Polynomial, inverse, rational, radical, exponential, and logarithmic functions are studied and their applications are explored both algebraically and graphically. If students apply and fulfill the requirements, the NVCC Dual Enrollment Program awards 3 college credits for successfully completing this full year course.

This course meets NCAA initial-eligibility certification.

Plane Geometry 32 1 Credit 906105 Full Year

Prerequisite: Algebra II and Teacher Recommendation

Open to: All

Course Description: Students complete eight units based on CT Core Standards for Geometry and Trigonometric Functions. Topics include Constructions and Rigid Transformations; Congruence, Similarity, Right Triangle Trigonometry, Coordinate Geometry, Circles, and Trigonometric Functions. Geometry can be taken in conjunction with Algebra II or Precalculus.

This course meets NCAA initial-eligibility certification.

Plane Geometry 31H 1 Credit 906104 Full Year

Prerequisite: Algebra II and Teacher Recommendation

Open to: All

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 32, but with a wider scope, greater depth, and more intensive pace. Topics include Constructions and Rigid Transformations; Congruence,

Similarity, Right Triangle Trigonometry, Coordinate Geometry, Circles, and Trigonometric Functions. Geometry can be taken in conjunction with Algebra II or Precalculus. **This course meets NCAA initial-eligibility certification.**

Precalculus 42 1 Credit 906112 Full Year

Prerequisite: Algebra II and Teacher Recommendation

S

Open to: All

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. This course meets NCAA initial-eligibility certification.

Precalculus 31H 1 Credit 906111 Full Year

Prerequisite: Algebra II and Teacher Recommendation

S

Open to: All

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. This course meets NCAA initial-eligibility certification.

SAT Math 12 .5 Credit 914005 One Semester

Open to: All

Course Description: This SAT preparation course aligns with the latest version of the Scholastic Aptitude Test (SAT). Students learn various skills and strategies to improve their success on the math 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. This course <u>does not</u> fulfill a math graduation requirement.

Elementary Discrete Mathematics H 906038

.5 Credit 1 Semester

Prerequisite: Algebra II and Teacher Recommendation

Semester

Open to: Grade 11, 12

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Course Description: Topics of study will include, problem solving strategies, counting and probability, graph theory, deductive reasoning, number theory, voting methods, and the mathematics of money. 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. **This course meets NCAA**

initial-eligibility certification.

Calculus 42 1 Credit 906114 Full Year

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Prerequisite: Precalculus and Teacher Recommendation

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. This course meets NCAA initial-eligibility certification.

AP Calculus AB
906115

1 Credit
Full Year

Prerequisite: Precalculus 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 of credits in Calculus or 4 credits at most colleges and universities. If students apply and fulfill the requirements, the WCSU Early College Program awards 4 college credits for successfully completing this full year course.

This course meets NCAA initial-eligibility certification.

AP Calculus BC 1 Credit 906116 Full Year

Prerequisite: Precalculus 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 WCSU Early College Program also awards 8 college credits for successfully completing this full year course. 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.

This course meets NCAA initial-eligibility certification.

Multivariable Calculus

1 Credit 906135 Full Year S

Prerequisite: AP Calculus BC and Teacher Recommendation

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.

Data Science 42 1 Credit 906156 Full Year

Prerequisite: None

Open to: Grade 11, 12

Course Description: Data Science is an introduction to the main ideas in data science. Students will learn to be data explorers in project-based units, through which they will develop their understanding of data analysis, sampling, correlation/causation, bias and uncertainty, probability, modeling with data, making and evaluating data-based arguments, the power of data in society, and more!

Statistics 42 1 Credit 906117 Full Year

Prerequisite: Algebra II and Teacher Recommendation

Open to: Grade 11, 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. 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. This course meets NCAA initial-eligibility certification.

AP Statistics 1 Credit 906118 Full Year

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Prerequisite: Algebra II and Teacher Recommendation

Open to: Grade 11, 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. This course meets NCAA initial-eligibility

certification.

Integrated Mathematics I

1 Credit 906131 Full Year

Prerequisite: Teacher Recommendation

S

Open to: All

Course Description: This course is intended for students whose mathematical skills need reinforcement. Topics include: operations under the real number system, multiple representations of functions, similarity, linear equations, area and volume. Problem solving techniques relating algebra and geometry to real world applications are incorporated throughout the course

Integrated Mathematics II

1 Credit

906132

Prerequisite: Integrated Mathematics I and Teacher Recommendation

Full Year S

Open to: All

Course Description:

Topics include: This course is intended for students whose mathematical skills need reinforcement. Geometry and Measurement, Functions, Linear Functions, Linear Equations and Systems, Statistics. Problem solving techniques relating algebra to real world applications are incorporated throughout the course.

Financial Algebra I 1 Credit 906136 Full Year

Prerequisite: Integrated Mathematics II and Teacher Recommendation

S

Open to: All

Course Description: Using practical business problems and real-world personal financial issues, this course will explore areas of mathematics that help us understand our financial world. Topics such as investments, the stock market, business planning, banking, credit cards, and home buying are the framework in which students will explore and master mathematical concepts and skills such as data analysis (scatter plots, averages, frequency distributions); fitting data to equations to linear and quadratic models; interest formulas and systems of equations.

Financial Algebra II 1 Credit Full Year 906137

Prerequisite: Financial Algebra I or Algebra II and Teacher Recommendation Open to: Grade 12

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Course Description: This course is designed to develop a foundation in logical thinking and problem solving that will enable students to make informed decisions regarding matters of money and finance in their daily lives. This course furthers the development of functions, which include linear, exponential, piece-wise, quadratics, and step functions. Other topics studied include measures of center and spread, graphical representations of data, amortization, depreciation, present and future value, supply and demand, revenue and profit functions, loans, compound interest and continuous interest, car ownership, and budgets.

Music and Performing Arts

Music courses are offered to all students, regardless of prior experience. Students can earn required credits in Humanities, Fine Arts, Applied Studies 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
905130
Prerequisite: Instrumental Experience or Instructor Approval

1 Credits
Full Year

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. An additional .5 credits is given to students who participate in Marching Band and Color Guard.

Honors Symphonic Band 1 Credits 905129 Full Year

Prerequisite: Instrumental Experience or Instructor Approval

Open to: All

Course Description: Members of the Bethel High School Symphonic Band who wish to add additional rigor to their music education may elect to participate in Honors Symphonic Band. Students can simply enroll in this ensemble, however, In order for a student to be approved for honors credit, they must meet all of the prerequisite requirements. Once approved, students must complete all of the mandatory requirements listed below, as well as a minimum of four supplementary requirements, in order to receive the honors credit. Honors credit could be rescinded if the student fails to complete their commitments at which point they will still be eligible for college prep level credit. For more information, click here.

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.

Honors String Orchestra
905138
Prerequisite: None

1 Credit
Full Year

Open to: All

Course Description: Members of the Bethel High School String Orchestra who wish to add additional rigor to their music education may elect to participate in Honors String Orchestra. Students can simply enroll in this ensemble, however, In order for a student to be approved for honors credit, they must meet all of the prerequisite requirements. Once approved, students must complete all of the mandatory requirements listed below, as well as a minimum of four supplementary requirements, in order to receive the honors credit. Honors credit could be rescinded if the student fails to complete their commitments at which point they will still be eligible for college prep level credit. For more information, click here.

Concert Choir (Chorale)

1 Credit Full Year

Prerequisite: None

Open to: All

905126

Course Description: Choir is designed for the advancement and refinement of musicianship skills through vocal performance, higher order thinking, aesthetic judgment, and music appreciation. You do not have to audition to be a part of this singing group. Simply sign up!

Honors Choir
905138
Full Year

Prerequisite: Instructor Approval

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Open to: All

Course Description: Members of the Bethel High Choir who wish to add additional rigor to their music education may elect to participate in Honors Choir (formerly Chamber Singers). Students can simply enroll in this ensemble, however, In order for a student to be approved for honors credit, they must meet all of the prerequisite requirements. Once approved, students must complete all of the mandatory requirements listed below, as well as a minimum of four supplementary requirements, in order to receive the honors credit. Honors credit could be rescinded if the student fails to complete their commitments at which point they will still be eligible for college prep level credit. For more information, click here.

Modern Band Instruments

Guitar I .5 Credit 905060 One Semester Prerequisite: none

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
905061
.5 Credit
One 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 in guitar to include ensemble performance and the individual development of more advanced techniques. Music selections include popular music of varying genres. Instruments are provided.

Ukulele .5 Credit 905062 One 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.

Electric Bass .5 Credit
905063 One Semester
Prerequisite: None

Open to: All

Course Description: Students will learn electric bass through the study of popular music of all styles and genres. Bass techniques as well as melody playing will be explored. Instrument Provided.

Drum Set .5 Credit
905066 One Semester
Prerequisite: None

Open to: All

Course Description: Students will learn drum set though the study of popular music of all styles and genres. Stick techniques, basic and advanced beats, as well as rhythm reading will be explored. Instrument Provided.

Banjo .5 Credit 905064 One Semester Prerequisite: None

Open to: All

Course Description: Students will learn Banjo through the study of popular music of all styles and genres. Banjo picking techniques, basic and advanced chords, as well as melody playing will be explored. Instrument Provided.

Mandolin

905065

Prerequisite: None

.5 Credit
One Semester

Open to: All

Course Description: Students will learn Mandolin through the study of popular music of all styles and genres. Mandolin strumming techniques, basic and advanced chords, as well as melody playing will be explored. Instrument Provided.

Keyboard I .5 Credit 905001 **One Semester** H D

Prerequisite: 0 to 1 year piano experience

Open to: All

Course Description: Students will learn the fundamentals of piano playing, basic music theory, and standard musical notation. Students experience small group instruction, as well as individual instruction on the keyboard. Instruments are provided.

Keyboard II .5 Credit 905045 **One Semester**

Prerequisite: Keyboarding I or approval of instructor

H D

Open to: All

Course Description: Students learn how to play intermediate/advanced piano music, as well as refine their technical and performance skills. Students experience small group and individual instruction on the keyboard. Instruments are provided.

Music Technology:

Digital Music 1 Credit 905148 Full Year **Prerequisite: None** H D

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 1 Credit Full Year 905146 H D **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. This course can be applied towards art, technology, and applied studies credits.

UCONN ECE: Fundamentals/Ear Training I 905038

Prerequisite: approval from instructor

One Semester

.5 Credit

Open to: Grades 10, 11, 12

Course Description: Students will develop basic skills in note reading, rhythm, meter, pitch symbols, scales, key-signatures, intervals, triads, sight-singing, and dictation. No previous training is required. Students will have the opportunity to apply for 3 UCONN college credits in the UCONN Early College Experience (ECE) program and should refer to the UCONN ECE program materials for the registration process and related fees.

AP Music Theory/ UCONN ECE MUSI 1011 & 1012 905145

1 Credit Full Year

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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. Students will have the opportunity to apply for 6 UCONN college credits in the UCONN Early College Experience (ECE) program and should refer to the UCONN ECE program materials for the registration process and related fees.

Naval Junior Reserve Officers Training <u>Corps</u>

Naval Science 12 1 Credit 913101 Full Year

Prerequisite: None

Open to: All
Course Description: This course develops a sense of citizenship, leadership, and scholarship.
Numerous Community Service opportunities are offered. Includes an 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.

Naval Science 22 1 Credit 913102 Full Year

Prerequisite: Minimum B- in Naval Science 12

Minimum B in Naval Science 12 and successfully met program requirements for promotion and community service credit.

Open to: Cadets that have completed NS12 or those that show exceptional motivation to join the NJROTC program are recommended by their guidance counselor and approved by the Senior Naval Science Instructor.

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).

Naval Science 32

913103 Full Year

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

Open to: There is only one NS32 class and participation is limited to cadets that excel in NS12 and NS22. Cadets must meet or exceed program requirements and show a strong commitment to the NJROTC program.

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. Cadets must complete a Leadership Project and show sustained superior performance and commitment to NJROTC to stay in the program and advance to NS42

Naval Science 42 1 Credit 913104 Full Year

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

Open to: There is only one NS42 class and participation is limited to cadets that excel in NS12, NS22, and NS32. Cadets must meet or exceed program requirements and show a strong commitment to the NJROTC program through the completion of leadership projects and commitment to unit activities.

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. The cadets that meet the NJROTC program requirements to serve as leaders of the program in their senior year as an NS4 are eligible to complete their capstone through NJROTC. This requires them to take charge of one of our annual major events or to plan and execute a project on their own. Military leadership and project management techniques of BAMCIS and SMEAC are required elements and projects will require a "public demonstration" of the cadets' new learning. With few exceptions, senior NJROTC students will be expected to enroll in the NJROTC Capstone class along with their enrollment in this Naval Science 42 course.

Physical Education and Health

Physical Education and Health

Students do not need to select PE and Health courses; these courses will be added by the administration during the scheduling process. Please note the following:

9th grade - .5 credit in Physical Education and .5 credit in Health Ed 12

10th grade - .5 credit in Physical Education 11th grade - .5 credit Health and Safety

Physical Education .5 credit 907045 One Semester Prerequisite: None

Prerequisite: None Open to: Grade 9 & 10

Physical Education encompasses the development of the five fitness components: muscular strength, muscular endurance, flexibility and cardiovascular endurance. Physical Education is concentrated on building a foundation of life-long fitness through a variety of fitness activities designed to help students expand their capabilities in individual, team, and cooperative settings. In this course students will:

- Utilize personal fitness testing performance results to research, evaluate and implement realistic fitness goals for a lifetime of optimal wellness.
- Design a personal fitness program to achieve and maintain health-related fitness goals.
- Participate in a variety of fitness and lifetime activity skills.

The administration will automatically enroll all 9th & 10th graders into one semester of PE per year.

Health Education 12 .5 credit 907019 One Semester

Prerequisite: None

Open to: Grades 9, 10 Course Description:

Health Ed 12 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 9th graders*.

Health and Safety 32 .5 credit 907029 One Semester

^{*}All students are required to participate in the CT State Physical Fitness Assessment.

Prerequisite: Health Ed 12

Open to: 11, 12 **Course Description:**

Healthy and Safety 32 is a graduation requirement designed to help high school students extend their knowledge of the health issues learned from Health Ed 12. Students will expand upon the health topics from 9th grade Health plus study healthy relationships and violence prevention, safety and disease prevention and Teen Mental Health First Aid. 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 11th graders.

Ah Ha Yoga .5 credit 907052 **One Semester**

Prerequisite: None H S

Open to: Grades 9 (only to students who take and pass PE in the Fall semester); Grade 10 (students who take and pass PE in the Fall semester); Grade 11 and Grade 12.

Course Description: This course is an elective and students can take it more than once.

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. Students will learn over 50 yoga poses in a way that is safe and effective for each of them, individually. They will work with experiential activities to encourage them to move authentically through their practices on and off the mat.

Red Cross/CPR/Sports Training 32 907011

.5 Credit

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Prerequisite: None

One Semester

Open to: Grades 10, 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 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

Prerequisite: Red Cross/CPR/Sports Training 32 is highly recommended

Full Year

Open to: Grades 11, 12

Course Description: EMT is an elective course. This is a State of Connecticut approved EMT training course. Students will learn the anatomy and physiology of the human body, assessment skills for emergency situations, and how to apply these skills in various medical emergencies. Students will earn AHA Healthcare Provider BLS CPR certification. In addition, all students

^{*}Yoga is an elective and does not satisfy Physical Education requirements for graduation.

must complete 12 hours of mandatory observation in a hospital emergency room and clinical rotations on an ambulance. Students will be eligible to take the national written and practical exam to become an EMT.EMT is an entry level healthcare course. Students going into the medical field should take this course to get clinical experience. If you take the EMT course elsewhere it will cost approximately \$1000.00 With few exceptions, senior EMT students will be expected to enroll in the EMT Capstone class along with their enrollment in this EMT course.

Science

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

Biology 12
908118
1 Credit
Full Year

Prerequisite: None Open to: Grade 9

Course Description: This college preparatory course is a survey of all the basic areas of biology required by the Next Generation Science Standards. Students will be expected to utilize the Science and Engineering Practices to learn the topics of cellular structure and function, matter and energy, inheritance and variation of traits, evolution and natural selection, and biodiversity and human impacts. Students will use labs along with hands-on activities to generate new learning. This course meets NCAA initial-eligibility certification.

Biology 11H 1 Credit 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 required by the Next Generation Science Standards. Students will be expected to utilize the Science and Engineering Practices to learn the topics of cellular structure and function, matter and energy, inheritance and variation of traits, evolution and natural selection, and biodiversity and human impacts. Students will use labs along with hands-on activities to generate new learning. This class is faster paced and will cover additional material beyond what is covered in Biology 12. **This course meets NCAA initial-eligibility certification.**

AP Biology 1 Credit 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: Grades 11, 12

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. **This course meets NCAA initial-eligibility certification.**

AP Chemistry
908124
Prerequisite: Grade 11 & 12:

Min B+ in Bio 11H or A- in Bio 12 and min B+ in Chem 21 or A- Chem 22. Prerequisite: Grade 10: A in Biology 11H and teacher recommendation.

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 necessary for college. Students should be self motivated to work diligently and reason through complex problems. They are expected to assume responsibility for their own learning by devoting time outside of school to study. Students will explore various topics throughout the class such as: atomic structure, chemical reactions, kinetics, equilibrium, thermodynamics, electrochemistry, and more. The College Board Advanced Placement Exam in May is required. A qualifying score on the AP Exam may result in credit or advanced placement in certain colleges. This course meets NCAA initial-eligibility certification.

Chemistry 21H 1 Credit Full Year 908121

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Prerequisite: Teacher recommendation and a final grade of B- or better in Algebra I

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 a higher ability in mathematics than the Chemistry 22 course. This course meets NCAA initial-eligibility certification.

Chemistry 22 1 Credit 908122 Full Year S

Prerequisite: Student must have taken or be currently

enrolled in Algebra and Biology Open to: Grades 10, 11, 12

Course Description: This college preparatory course teaches the basic fundamentals of chemistry and covers the relevant physical and earth and space science components of the NGSS through the exploration of climate change in semester 2. Students investigate the nature of chemistry, structure of matter, interactions of matter, stoichiometry, states of matter, acids and bases, and reaction rates. This course involves critical thinking, data analysis and mathematical application in science. This course meets NCAA initial-eligibility certification.

Physical Science 22 1 Credit 908102 Full Year

Prerequisite: Teacher Recommendation Only

Open to: Grades 10 & 11

Course Description: This college preparatory course serves as an alternative to Chemistry 22 and teaches the basic conceptual fundamentals of both chemistry and physics. Students investigate the nature of science, atomic structure, chemical reactions, carbon chemistry, heat and energy, and Earth systems. This course focuses on the NGSS Science and Engineering Practices and helps prepare students for the NGSS assessment in their junior year.. This course meets NCAA initial-eligibility certification.

UConn Physics 1 Credit 908139 Full Year

Prerequisite: Minimum B in Bio 11H & Chem 21H or an A- in Bio12 & Chem 22 Successful completion of Algebra II. Students should have taken Geometry.

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

Course Description: This is a first year non-Calculus, college-level physics course. The course follows the curriculum set forth by the UConn Physics Department. Students will study Newtonian mechanics, rotational mechanics, simple harmonic motion, waves, and sound. Students enrolled in the UConn Physics class may opt to take the AP Physics 1 exam in May. To do so, students will need to independently study additional physics content not covered in this class. 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. This course meets NCAA initial-eligibility certification.

AP Physics 2 1 Credit 908137 Full Year

Prerequisite: Minimum A- in Physics 32 Mathematical, or successful completion of UConn Physics; Algebra II, and Geometry.

Onen to: Credes 11 17

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 and should refer to the UCONN ECE program materials for the registration process and related fees. This course meets NCAA initial-eligibility certification.

AP Physics C 1 Credit 908138 Full Year

Prerequisite: Successful completion of UCONN Physics

with a minimum B and have taken or are 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, simple harmonic motion, and thermodynamics. 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. This course meets NCAA initial-eligibility certification.

Physics 32: Mathematical

1 Credit

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908132 Full Year

Prerequisite: Student must have taken or be currently enrolled in or completed Geometry, 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 meets NCAA initial-eligibility certification.

Physics 32: Conceptual 908135

1 Credit Full Year

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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. This course involves critical thinking, data analysis, and mathematical applications in science at the level of Algebra I. This course meets NCAA initial-eligibility certification.

Physics 43 908133 1 Credit Full Year

Prerequisite: Biology and Chemistry or Physical Science

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Open to: Grades 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 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. This course meets NCAA initial-eligibility certification.

Science Standard Prep .5 Credit

908020 One Semester Prerequisite: None

Open to: Grade 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 Connecticut's standardized science assessment and learn scientific concepts and skills they will need after graduation.

Laboratory Assistant 908154 1 Credit Full Year

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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 Credit Full Year

Prerequisite: Minimum B in Biology 12 or Biology 11H,

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Chemistry 22 or Chemistry 21, and Algebra I.

Open to: Grades 11, 12

908150

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. Mathematical calculations and analysis, laboratory and field work are an integral part of the curriculum supporting the course topics. The College Board Advanced Placement test given in May is required. The AP Environmental Science curriculum complements the AP Human Geography curriculum. This course meets NCAA initial-eligibility certification.

Environmental Science 32

.5 Credit

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908008 Prerequisite: Biology and Chemistry **One Semester**

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. This class emphasizes environmental issues and how to address them. Multimedia resources, fieldwork, laboratories, and case studies will be used to investigate environmental issues. **This course meets NCAA initial-eligibility certification.**

Animal Behavior 31H 908009

.5 Credit

Prerequisite: Completion of Biology 11H or 12 and

One Semester

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 of an animal. 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. Please note:

this is an honors level course requiring strong study, writing, and laboratory skills.

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 and the history of the universe. Starting with the Big Bang, students will study the evolution of the universe, including the formation and life cycle of stars, formation of galaxies, and how astronomers use the properties of light to gather information. Finally, students will study our solar system, including the sun, the planets, and the earth-moon system. This course meets NCAA initial-eligibility certification.

Anatomy and Physiology 31 908054

.5 Credit

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One Semester

Prerequisite: Biology and Chemistry

Open to: Grade 11, 12

Course Description: Students will develop an understanding of the human anatomy and its many systems in order to provide a foundation of skills and knowledge for those interested in pursuing a career in healthcare fields. This honors level science elective is a one semester course in which the 11 major body systems will be covered (skeletal system, muscular, respiratory, circulatory, digestive, urinary, reproductive, immune, endocrine and nervous). In each unit students will understand the normal function of each body system, how to assess if each system is working properly through practical healthcare skills, and then some of the more common dysfunctions affecting each. Students will be assessed not only with their understanding of the components of each system, but also with practical assessments of their skills. Students and parents should be aware that animal dissections are a component of this course and should take that into consideration prior to registering. This course meets NCAA initial-eligibility certification.

Forensic Science 32 908050

.5 Credit One Semester

Prerequisite: Biology and Chemistry

Open to: Grade 11, 12

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Course Description: This elective course is designed for students with an interest in the field of forensics. Students taking the course should have a strong understanding of biological concepts (e.g., the structure of DNA). Forensic scientists are responsible for analyzing evidence collected at crime scenes by legal officials. Students will process and analyze evidence using techniques grounded in biology, chemistry, and physics. The course will include famous crimes throughout history, how science has been used to solve these crimes, and ethical and legal issues involved within the discipline. *Students and parents:* Please note that this course contains topics related to murder, crime, body decomposition, and suicide. This course meets NCAA initial-eligibility certification.

Science Research 31H

1 Credit

908151 Full Year

Prerequisite: Minimum B in Biology and Chemistry

and approval of Science Department Chair

Open to: Grade 11, 12 and 10 with recommendation from science teacher

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. This course meets NCAA initial-eligibility certification.

The Great Diseases: Infectious Diseases and Neurological Disorders
908056
.5 Credit
One Semester

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Prerequisite: Biology and Chemistry

Open to: Grade 11, 12

Course Description: The Great Diseases: Infectious Diseases and Neurological Disorders is a semester-long course designed for students with an interest in the topic or with career aspirations in a healthcare field. Students will engage in two units of study: Infectious Diseases and Neurological Diseases. In each unit, students will use case studies based on actual research to further investigate each type of disease or disorder, and the public health response. Students are asked to develop scientific questions, design experiments, analyze and evaluate data, predict and communicate results, and develop models. The goal is to do this in stages to mimic the research process. Lab activities are designed to introduce students to the clinical side of pathogen identification and treatment.

The Great Diseases: Metabolic Diseases and Cancer .5 Credit 908057 One Semester

Prerequisite: Biology and Chemistry

Open to: Grade 11, 12

Course Description: The Great Diseases: Metabolic Diseases and Cancer is a semester-long course designed for students with an interest in the topic or with career aspirations in a healthcare field. Students will engage in two units of study: Metabolic Diseases and Cancer. In each unit, students will use case studies based on actual research to further investigate each type of disease or disorder, and the public health response. Students are asked to develop scientific questions, design experiments, analyze and evaluate data, predict and communicate results, and develop models. The goal is to do this in stages to mimic the research process. Lab activities are designed to introduce students to the clinical side of pathogen identification and treatment.

Social Studies

All students must earn 3.5 credits of social studies in order to meet graduation requirements. In grade 9, students must take Modern World History I and in grade 10 they will take either Modern World History II, AP Human Geography, or AP European History (both AP classes have certain prerequisites). In grade 11, students may choose from one of three options to satisfy the US History requirement - AP/ECE 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 two Civics classes - 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.

Modern World History I 11H 909101

1 Credit Full Year

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Prerequisite: 8th grade teacher recommendation required

Open to: Grade 9

Course Description: This course presents an advanced study of human history from the Enlightenment through World War II with an emphasis on connections to the modern world. Students are exposed to a global study using primary source materials. The origins of modern civilization are examined to provide an understanding of the foundations of our world. Global, geographical, and cultural perspectives are emphasized as well as Connecticut Core State Standards aligned skills including reading closely, speaking and listening, collaboration, and writing for argumentation. This course meets NCAA initial-eligibility certification.

Modern World History I 12 909102

1 Credit Full Year

M

Prerequisite: 8th grade teacher recommendation required

Open to: Grade 9

Course Description: This course presents a college preparatory study of human history from the Enlightenment through World War II with an emphasis on connections to the modern world. Students are exposed to a global study using primary source materials. The origins of modern civilization are examined to provide an understanding of the foundations of our world. Global, geographical, and cultural perspectives are emphasized along with Connecticut Core State Standards aligned skills including reading closely, speaking and listening, collaboration, and writing for argumentation. This course meets NCAA initial-eligibility certification.

Modern World History II 22 909106

1 Credit

Prerequisite: Modern World History I 11H or 12

Full Year

Open to: Grade 10

Course Description: This college preparatory level course is designed to guide students through the development of the modern world, beginning with the end of World War II and incorporating many issues shaping our contemporary world. 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. **This**

course meets NCAA initial-eligibility certification.

AP Human Geography 909135

1 Credit Full Year

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

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- Teacher recommendation required.
- Students should 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. For tenth graders that are approved to take this class, it will satisfy the sophomore world history requirement. The College Board Advanced Placement test given in May is required, and students who pass it may earn 3 college credits from this course. The AP Human Geography curriculum complements the AP Environmental Science curriculum. This course meets NCAA initial-eligibility certification. Written summer course work required.

AP European History 909131

1 Credit

Full Year

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

- Teacher recommendation required.
- Students should be highly motivated, self directed learners who are excellent writers.

Open to: Grade 10, 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 principal themes in modern European History, the ability to analyze historical evidence, and the ability to express historical understanding in writing. For tenth graders that are approved to take this class, it will satisfy the sophomore world history requirement. Students may obtain 6 college level credits through successful performance on the Advanced Placement examination in May. The College Board Advanced Placement test given in May is required. This course meets NCAA initial-eligibility certification. Written summer course work required.

U.S. History 32
909121
Prerequisite: None

Open to: Grade 11

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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. **This course meets NCAA initial-eligibility certification.**

American Studies U.S. History 32 909150

1 Credit Full Year

Prerequisite: Students should be comfortable with collaborative activities, group work and oral presentations as these are key components of the class. Students must also request American Studies English.

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. Particular emphasis will be placed on collaborative and inquiry-based projects and assignments. Teamwork, collaboration, and presentation skills will be emphasized in this course. When signing up for this course, students must also sign up for American Studies English 903150. This course meets NCAA initial-eligibility certification.

AP/ECE 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
- Students should be highly motivated, self directed learners who are excellent writers.

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 extensive reading, writing, listening, and discussing both inside and outside of class and homework will be assigned nightly. Students will have the opportunity to earn 6 college credits through two different options connected to this course. Students can choose to either take the Advanced Placement exam in May and earn the credits through a passing score or they can apply for and earn the credits through UCONN's Early College Experience (ECE) program. In both cases, students will be responsible for following the required registration processes and pay the related fees. This course meets NCAA initial-eligibility certification.

ECE College History 41

.5 Credit

909013

One Semester

Prerequisites: Students should be highly motivated, self directed learners who are excellent writers. Teacher recommendation required.

Open to: Grades 11, 12

Course Description: This course, also known as Modern Western Traditions 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 and should refer to the UCONN ECE program materials for the registration process and related fees. This course meets NCAA initial-eligibility certification.

Black and Latino Studies 42

909115 Full Year Prerequisite: None

Open to: Grades 11, 12

Course Description: The course is an opportunity for students to explore accomplishments, struggles, intersections, perspectives, and collaborations of African American/Black and Puerto Rican/Latino people in the U.S. Students will examine how historical movements, legislation, and wars affected the citizenship rights of these groups and how they, both separately and together, worked to build U.S. cultural and economic wealth and create more just societies in local, national, and international contexts. Coursework will provide students with tools to identify historic and contemporary tensions around race and difference; map economic and racial disparities over time; strengthen their own identity development; and address bias in their communities.

Facing History and Ourselves 42 909037

.5 Credit One Semester

1.0 Credit

Prerequisite: Teacher recommendation required

Open to: Grades 11, 12

Course Description: 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. In addition, this course is pending approval from UCONN as part of its Early College Experience (ECE) program. Pending this final approval, students will have the opportunity to apply for UCONN college credit and should refer to UCONN ECE program materials for the registration process and related fees. This course meets NCAA initial-eligibility certification.

AP Psychology 1 Credit 909132 Full Year

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

• Teacher recommendation required.

• Students must be highly motivated, self-directed learners, excellent writers

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 3 college credits from this course. This course meets NCAA initial-eligibility certification. Written summer course work required.

Introduction to Psychology 42

909016 One Semester Prerequisite: None

.5 Credit

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 the stream of consciousness and the environment; behavior and social change are explored as they relate to self-understanding. **This course meets NCAA initial-eligibility certification.**

AP Art History
900113
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.

Art History
900112
Prerequisite: Art I

Open to: Grades 10, 11, 12

Course Description: This course is a global and comprehensive look at art and its relationship to the world through the ages. Topics include popular subjects such as Ancient Greece & Rome, Gothic, the Renaissance, Impressionism, Modern & Contemporary Art, and is inclusive of cultures beyond the Eurocentric tradition.

Comparative Religions 42 .5 Credit
909015 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. **This course meets NCAA initial-eligibility certification.**

Global Issues & Civics 42 .5 Credit 909017 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. The objective of this course is to give students the opportunity to critically analyze major global issues, with particular emphasis placed on the current 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 how to use media literacy skills responsibly. 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 & Civics 42 909019

.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. Introduction to Law & Civics 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. In addition, students study all subject matter required by the State of Connecticut Social Studies Standards including the United States constitution and government, the rights and responsibilities of citizens, media literacy skills, political systems, and international relations. This course satisfies students' civics requirement for graduation. This course meets NCAA initial-eligibility certification.

Conflict Resolution 32 .5 Credit 914000 One Semester Prerequisite: None

Prerequisite: None

Open to: Grades 11, 12

Course Description: This course is designed to provide a general overview of the conflict resolution process. The students will learn the fundamental principles of conflict resolution and develop an understanding of individual and group dynamics. Through structured activities such as group discussions, role playing, and cooperative learning activities, students will develop skills and strategies for problem solving, managing stress, and communicating effectively.

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

Open to: All

Course Description: The goal of this course is to introduce students to the study of the French language and culture at the beginning level. The textbook, supplementary materials and on-line resources are used to provide a strong foundation in speaking, listening, reading and writing skills as well as a beginning awareness of the Spanish-speaking cultures. This course will prepare students for French 22 or French 21H. This course will run contingent on final budget determination. **This course meets NCAA initial-eligibility certification.**

French 21H 1 Credit 912102 Full Year

H

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. **This course meets NCAA initial-eligibility certification.**

French 22 912103 1 Credit 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. **This course meets NCAA initial-eligibility certification.**

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. **This course meets NCAA initial-eligibility certification.**

French 32 1 Credit 912105 Full Year

Prerequisite: Minimum C in French 22 and teacher recommendation

H

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. **This course meets NCAA initial-eligibility certification.**

French 41H 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. **This course meets NCAA initial-eligibility certification.**

French 42
912107

1 Credit
Full Year

Prerequisite: Minimum C in French 32 and teacher recommendation

H

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. **This course meets NCAA initial-eligibility certification.**

French 52: Conversation and Culture 912110

1 Credit

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

Full Year

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

M

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 and should refer to the UCONN ECE program materials for the registration process and related fees. This class requires summer work to practice language skills. This course meets NCAA initial-eligibility certification.

SPANISH

Spanish 12
912121
Prerequisite: None

Open to: All

Course Description: The goal of this course is to introduce students to the study of the Spanish language and culture at the beginning level. The textbook, supplementary materials and on-line resources are used to provide a strong foundation in speaking, listening, reading and writing skills as well as a beginning awareness of the Spanish-speaking cultures. This course will prepare students for Spanish 22 or Spanish 21. This course will run contingent on final budget determination. This course meets NCAA initial-eligibility certification.

Spanish 21H
912122

Prerequisite: Minimum B+ in Spanish I/Middle School Spanish 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. **This course meets NCAA initial-eligibility certification.**

Spanish 22 1 Credit 912123 Full Year

Prerequisite: Minimum C in Spanish 12 or Middle School Spanish

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. **This course meets NCAA initial-eligibility certification.**

Spanish 31H 1 Credit 912124 Full Year

Prerequisite: B average in Spanish 21 or B+ average in Spanish 22 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. **This course meets NCAA initial-eligibility certification.**

Spanish 32 1 Credit 912125 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. **This course meets NCAA initial-eligibility certification.**

Spanish 41H 1 Credit 912126 Full Year

Prerequisite: Minimum B in Spanish 31 or B+ average in Spanish 32 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. **This course meets NCAA initial-eligibility certification.**

Spanish 42 1 Credit 912127 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. **This course meets NCAA initial-eligibility certification.**

AP Spanish 1 Credit 912128 Full Year

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Prerequisite: Minimum B in Spanish 41 and teacher recommendation

Open to: Al

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. This class requires summer work to practice language skills. This course meets NCAA initial-eligibility certification.

Spanish Film: Conversation and Composition H 1 Credit 912135 Full Year

Prerequisite: Minimum B in Spanish 41 or teacher recommendation from Spanish 42

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
912137
Prerequisite: None

1 Credit
Full Year

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.

Arabic

Arabic 12 1 Credit 912145 Full Year

Prerequisite: None

Open to: All

Course Description: This course is an introductory level of the Arabic Language. Students will be introduced and will focus on all four language skills: speaking, listening, reading and writing.

Through cultural context, students will build a foundation for general communicative competence. This course will run contingent on final budget determination. This course meets NCAA initial-eligibility certification.

Arabic 22 1 Credit 912146 Full Year

Prerequisite: Minimum of C in Arabic 12

Open to: All

Course Description: This course is a continuation of Arabic 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. **This course will run contingent on final budget determination.**

Arabic 32

912147

Prerequisite: Minimum of C in Arabic 22

1 Credit
Full Year

Open to: All

Course Description: This course is a continuation of Arabic Level 2. 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. **This course will run contingent on final budget determination.**

Additional Courses

Office Intern .5 Credit 901010 One Semester

Prerequisite: None

Open to: 10, 11, 12 Course Description:

Library Intern .5 Credit 901035 One Semester

Prerequisite: None

Open to: 10, 11, 12 Course Description:

Join the Yearbook Staff!

Return this completed form to Ms. Lacey by January 31st

Name:	
Grade: Advisory Teacher	r: Room:
Relevant classes taken:	
(art, photoshop, digital or film photography, business)	
Class	Teacher
Skills: (Business, marketing, advertisement, photography, photo editing, page layout and design, leadership, organization)	
Why do you want to join the 2019 - 2020 Yearbook Design Staff?	

What do *you* bring to the team?

What position would you be interested in fulfilling (photographer, photo editor, designer, section chief, editor, etc)? Please explain.