

Danbury High School

Course of Study Guide

2017 - 2018



Empowering *ALL* students
to be informed and productive citizens

This is updated throughout the year.
Please visit <http://www.danbury.k12.ct.us/dhsweb/main/courseguide.pdf>
for the most current version. Rev. 3/3/2017

Mr. Dan Donovan, Principal	203-797-4808
Lauren Miller, Administrative Assistant to Principal	203-797-4808
Dr. Meghan Martins, Associate Principal of Instruction for Secondary Schools	203-797-4802
Jeanette Jakobson, Administrative Assistant to Associate Principal	203-797-4807

LEVEL I OFFICE A-F

Michael Clarke, Assistant Principal	203-797-4716
Amy Alonzi (A-Ch)	203-797-4816
Michele Aronoff, School Counselor (Ci-F)	203-790-2881
Christine Wagner, School Climate Specialist	203-830-6321
Caitlin Lewis, Crisis Counselor	203-790-2822
Sheila Williams, Secretary	203-790-2870

LEVEL II OFFICE G-O

Linda Milone Schreiner, Assistant Principal	203-797-4821
Jean Carroll-Jones, School Counselor (G-K)	203-830-6504
Nancy Pond, School Counselor (L-O)	203-797-4815
Ann Kulbieda, Secretary	203-797-4824

LEVEL III OFFICE P-Z

Domitila Pereira, Assistant Principal	203-797-4801
Michael Boucher, School Counselor (Sd-Z)	203-797-4810
Karen Chance, School Counselor (P-Sc)	203-797-4817
Kathleen Santos, Secretary	203-797-4836

LEVEL IV OFFICE - FRESHMAN ACADEMY

Kristopher Davidson, Assistant Principal	203-797-4842
Juanita Harris, School Counselor	203-790-2883
Jennifer Ondek, School Counselor	203-797-4843
Jackie Rodriguez, School Counselor (Special Ed., ELL Grade 9)	203-797-4841
Patricia Talarico, Secretary	203-797-4844

LEVEL III OFFICE SUITE

Vikki Carlson, Department Head – School Counseling	203-790-2823
Claudia DeMoura, School Counselor (all Grade 10-12 ELL)	203-797-4822

B2

Sarah Roy, DECO Director/Dean of Student Support	203-790-2880
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ATHLETICS

Chip Salvestrini, Director of Athletics	203-797-4853
Joann Tatarzycki, Secretary	203-830-6563

DEPARTMENT HEADS

Career & Technical Education – TBD	203-797-4732
English – Thomas Porcelli	203-797-4837
ESL – Stacey Brugnolo	203-790-4310
Fine Arts – Dr. Michael Obre	203-830-6536
Health & Physical Education – Doreen Robbins	203-797-4859
Mathematics – Lisa Erhartic	203-797-4307
Science – John LaRosa	203-790-2611
Social Studies –Ann Tucci	203-797-4306
World Languages – Patricia Gonzalez	203-797-4309
Patricia Jennings, Secretary	203-797-4732

COORDINATORS

Kara Casimiro, K12 Humanities Curriculum Administrator	203-797-4849
Augusto Gomes, ESL/Bilingual Coordinator	203-790-2805
Dr. Harry Rosvally, K12 STEM Curriculum Administrator	203-797-4794

SPECIAL EDUCATION

Kelly Truchsess, Director of Special Services	203-790-4725
Michele Coppotelli, Special Education Supervisor	203-797-4840
Kevin Wilcox, PPT Coordinator	203-790-2868
Dr. Dawn Ballard, School Counselor Grades 10-12	203-830-6517
Lorraine Zanno, Secretary	203-790-2865

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PLANNING YOUR HIGH SCHOOL PROGRAM

Danbury High School is a comprehensive high school which includes grades nine, ten, eleven, and twelve. An array of courses is available to students.

Careful planning of your high school program is critical as the courses you select now will impact the options available to you after graduation. We cannot emphasize strongly enough the vital importance of the thought and planning that should be given to the process of program and course selection. Placement in courses is accomplished with input from you and your family, along with that of your teachers and school counselor. Our mutual goal is to design an academic program which is challenging and satisfies your individual needs. We suggest that you consider factors such as graduation requirements, career goals, and academic interests. When selecting courses, conference with your counselor, seek information from your teachers, and talk to your family. Administrators, department heads, and upperclassmen may also furnish you with valuable information and insights based upon their experiences in various subject areas.

The result of this thorough and serious process of course selection is registration. This is the actual process of recording your specific choice of courses for the next school year. These choices that you and your classmates make provide us with the information necessary to develop our master schedule. Using this information, we are able to determine what number of classes to offer in each subject area, the periods during which each can be taught with the fewest possible conflicts, and the teachers who will be teaching each class. Consequently, once you register for your courses, only educationally sound changes with parent/guardian and administrative approval may be made.

Please use this information as intended. It is a guide. Information and course summaries included here are subject to change and should be supplemented with further research and inquiry. The most current version of this guide is available on the Danbury High School website.

NON-DISCRIMINATION POLICY

Federal and State Law and the policy of the Danbury Board of Education prohibit discrimination on the basis of sex, race, color, religion, national origin, age, sexual orientation, military or veteran status or past or present physical or mental disability. No person in the Danbury Public Schools shall be excluded from participation in, or be denied the benefits of any education program or activity. Inquiries concerning the discrimination, compliance or grievance procedures may be directed to Mrs. Kimberly Thompson, Director of Human Resources, Beaver Brook Center, 63 Beaver Brook Road, Danbury, CT 06810. Telephone: 203-797-4706

A substantial selection of elective courses, extra-curricular activities, and clubs are available to supplement your academic program, and to develop your interests in social, cultural, civic, and leisure activities.

Graduation Requirements
Classes of 2018, 2019, and 2020

Students who successfully complete one year-long course will be awarded 1 credit. Students who successfully complete a semester course will be awarded .5 credit. Student should select courses that will satisfy their interests and equip them upon graduation, either for further education or with a salable skill, to enter the working world. To qualify for a Danbury High School diploma, each student must acquire a minimum of 21 credits. The 21 credits are divided among the required areas as follows:

Requirements	Total Credits
Art, Music, Theatre Arts	1.0
Business, Family Consumer Science, ROTC, Technology Education, Literature and English Language	1.0
English I, II, III, IV (Advanced Placement English courses can be taken in lieu of English III and IV, respectively.)	4.0
Health (Honors Advanced Healthcare & Biosciences may be taken in lieu of Health)	.5
Math <ul style="list-style-type: none"> • Must include Algebra, Algebra II and Geometry or Stat and Data 	3.0
Physical Education	1.0
Science <ul style="list-style-type: none"> • Must include Biology and Chemistry 	3.0
Social Studies <ul style="list-style-type: none"> • Must include World Studies, Modern World Studies, U.S. History, Civics (Advanced Placement World Studies, U.S. History, and Government and Politics may be taken in lieu of Modern World Studies, U.S. History and Civics respectively) 	3.5
World Language	1.0
Student Choice	3.0
TOTAL	21.0

Four-Year Academic Planning Guide

Freshman Year		
Periods	Department/Course	Credits
1	English I	1.0
2	Algebra	1.0
3	Biology	1.0
4	World Studies	1.0
5	Open Course (Health & Physical Education recommended)	1.0
6	World Language	1.0
7	Open course	1.0
TOTAL		7

Sophomore Year		
Periods	Department/Course	Credits
1	English II	1.0
2	Algebra II	1.0
3, 4	Chemistry	1.2
5	Modern World Studies or Advanced Placement World Studies	1.0
6	World Language (recommended)	1.0
7	Open course (Physical Education recommended)	1.0
TOTAL		6.2

Junior Year		
Periods	Department/Course	Credits
1	English III or Advanced Placement English Literature	1.0
2	Geometry	1.0
3, 4	Science (Physics recommended)	1.2
5	U.S. History or Advanced Placement U.S. History	1.0
6	Open course (World Language recommended)	1.0
7	Civics or Advanced Placement Government & Politics	.5
7	Open course	.5
TOTAL		6.2

Senior Year		
Periods	Department/Course	Credits
1	English IV or Advanced Placement English Language	1.0
2	Open course (Math recommended)	1.0
3	Open course (Science recommended)	1.0
4	Open course (World Language recommended)	1.0
5	Open course (Social Studies recommended)	1.0
6	Open course	1.0
7	Open course	1.0
TOTAL		7.0

Graduation Requirements Classes of 2021 and Beyond*

Students who successfully complete one year-long course will be awarded 1 credit. Students who successfully complete a semester course will be awarded .5 credit. Student should select courses that will satisfy their interests and equip them upon graduation, either for further education or with a salable skill, to enter the working world. To qualify for a Danbury High School diploma, each student must acquire a minimum of 25 credits. The 25 credits are divided among the required areas as follows:

Course Requirements	Total Credits
Art, Music, Theatre Arts	1.5
Business, Family Consumer Science, ROTC, Technology Education <ul style="list-style-type: none"> ● Must include Personal Finance 	1.5
Capstone	1.0
English I, II, III, IV (Advanced Placement English courses can be taken in lieu of English III and IV)	4.0
Health (Honors Advanced Healthcare & Biosciences may be taken in lieu of Health)	.5
Math <ul style="list-style-type: none"> ● Must include Algebra, Algebra II and Geometry 	4.0
Physical Education	1.0
Science <ul style="list-style-type: none"> ● Must include Biology and Chemistry 	3.0
Social Studies <ul style="list-style-type: none"> ● Must include World Studies, Modern World Studies, U.S. History, Civics (Advanced Placement World Studies, U.S. History, and Government and Politics may be taken in lieu of Modern World Studies, U.S. History and Civics, respectively) 	3.5
World Language	2.0
Student Choice	3.0
TOTAL	25.0

**Pending Board of Education approval*

Four-Year Academic Planning Guide

Freshman Year		
Periods	Department/Course	Credits
1	English I	1.0
2	Algebra	1.0
3	Biology	1.0
4	World Studies	1.0
5	World Language	1.0
6	Open course (Health & Physical Education recommended)	1.0
7	Open course	1.0
TOTAL		7.0

Sophomore Year

Periods	Department/Course	Credits
1	English II	1.0
2	Algebra II	1.0
3, 4	Chemistry	1.2
5	Modern World Studies or Advanced Placement World Studies	1.0
6	World Language	1.0
7	Open course (Physical Education recommended)	.5
7	Open course	.5
TOTAL		6.2

Junior Year

Periods	Department/Course	Credits
1	English III or Advanced Placement English Literature	1.0
2	Geometry	1.0
3, 4	Science (Physics recommended)	1.2
5	U.S. History or Advanced Placement U.S. History	1.0
6	Civics or Advanced Placement Government & Politics	.5
7	Open course (World Language recommended)	1.0
7	Open course	.5
TOTAL		6.2

Senior Year

Periods	Department/Course	Credits
1	English IV or Advanced Placement English Language	1.0
2	Math	1.0
3	Capstone	1.0
4	Open course (Science recommended)	1.0
5	Open course (Social Studies recommended)	1.0
6	Open course (World Language recommended)	1.0
7	Open course	1.0
TOTAL		7.0

CREDIT SYSTEM

Credit is awarded on a semester basis. A first semester failure in a full-year course cannot be made up by high grades in the second semester. The semester average determines passing or failing. No credit is given for a failing grade in a course.

The amount of credit for a course is usually determined by the number of times per week it meets, or at the rate of 0.1 credit for each period per semester as follows:

5/week=0.5 credit

6/week=0.6 credit

7/week=0.7 credit

COURSE LEVELS

College Preparatory (College Prep) courses are the core course of study for all students at Danbury High School. While it is recognized that not all students will attend college, these courses will ensure that all students, if they so choose, are thoroughly prepared for the rigors of college. College Preparatory courses will also ensure that all students are prepared to be productive citizens in the global community in which we live.

Honors courses present students with the opportunity to learn the same content and skills in the College Preparatory courses, but at a more rigorous level. Students will be exposed to a wider breadth and deeper depth of study at the Honors level. Students in Honors courses can expect a heavier work load than those students enrolled in College Preparatory courses.

The **Advanced Placement** Program (A.P.) of the College Board is a program of college-level examinations given to secondary school students each year in May. Most colleges give credit and/or advanced placement to students whose A.P. Examination grades they consider acceptable. Examinations are offered in most traditional academic subjects; A.P. credit in Studio Art is awarded through the evaluation of portfolios prepared to A.P. specifications. Credits earned through the A.P. Program may reduce college costs significantly and provide flexibility in college programs not available otherwise.

The fee for each A.P. Examination is approximately \$98. Limited fee reductions are available for students from families meeting certain federal low-income standards. A.P. fees are higher than those for most other examinations because major portions of each examination are scored by readers from schools and colleges rather than by machine. All students enrolled in the A.P. courses must take the A.P. Examination. If this poses a financial hardship, please discuss this with your school counselor prior to registering.

Those who are interested in the possibility of obtaining college credit through the A.P. Program should plan well in advance. Information is available through teachers of advanced courses in each department, school counselors, the school A.P. Coordinator, and at www.collegeboard.com. Students should also consult catalogs and admissions officers of colleges they are interested in attending for current A.P. policies.

- **Advanced Placement is considered a full-year course with a full-year commitment.**
- **Testing fees will be collected before December 1st. Students who do not submit test fees will be withdrawn from the class and will result in a WF for both semesters.**
- **Withdrawal from course after the first two weeks of the first marking period will result in a WF for both semesters.**

Advanced Placement Calendar 2017-2018

Spring 2017	Register for A.P. courses
November 2017	Test fees collected
December 2017	Bulletin for Students and Studio Art specifications available
March 2018	Order examinations through course teachers or A.P. Coordinator
May 2018	Examinations administered
July 2018	Grade Reports released to students, colleges, and DHS

A.P. COURSE OFFERINGS

Course Name	Grade Level
Art History*	10, 11, 12
Biology*	11, 12
Calculus AB	11,12
Calculus BC	11,12
Chemistry*	11, 12
Computer Science	11, 12
Computer Science Principles	9, 10, 11, 12
English Language/WCSU	12
English Literature/WCSU	11
Environmental Science*	11, 12
European History	10, 11, 12
French Language and Culture	11, 12
Government and Politics	11, 12
Human Geography	10, 11, 12
Macroeconomics	11, 12
Music Theory	11, 12
Physics I*	11, 12
Physics II*	11, 12
Psychology	11, 12
Spanish Language and Culture	11, 12
Statistics*	11,12
Studio Art	11, 12
U.S. History	11, 12
World History	10, 11, 12

*Course pre-requisite needed

COURSE SELECTION GUIDELINES

1. In deciding the number of courses to select, the time required for out-of-class preparation in each course and the time available to do it (including study halls and home study) should be considered. Honors and Advanced Placement courses require additional time for preparation.
2. Many courses have a limited number of sections, therefore it is possible that all courses selected by a student will not be scheduled due to conflicts or closing of courses. There will be no class in any course unless a sufficient number of students select it.
3. Prerequisite denotes stated course.

SCHEDULE CHANGES

The primary objective of Danbury High is to provide an educational program which satisfies each student's personal, career, and academic needs as related to present and future plans. Registration for the educational program takes place in the spring and involves students, teachers, parents/guardians, and counselors. For more detailed information regarding required courses for graduation, refer to graduation requirements in this handbook, or see your school counselor.

Schedule changes CAN be made for the following reasons:

- Course chosen is missing from the computer-generated schedule
- Course chosen is incorrectly listed on schedule
- Courses chosen are scheduled for the same period and are in conflict
- Course chosen does not need to be repeated as credit was earned (summer school, work completed, grade change, etc.)
- Courses need to be changed as a result of SRBI or PPT process
- Course needs to be added to complete a schedule
- Course needs to be repeated

Schedules changes CANNOT be made for the following reasons:

- Requests to maintain the same course(s) but make a change for a specific teacher or period
- Class with a friend
- Different lunch period
- Change requests directly from teachers to balance their loads, reduce size of the class, drop a student, etc., cannot be honored and must go through administration
- Course failure
- Poor class attendance

Approvals required for schedule changes:

- Students can only add/drop a yearlong class within the first two weeks of school. This does not require approval from a Department Head.
- Students can only add/drop a semester class within the first two weeks of the semester. This does not require approval from a Department Head.
- Students can request a level change within the first two weeks of school to take effect immediately. Level changes within the first two weeks of school do not require Department Head approval.

Students who wish to change levels after this period has elapsed must make the request within the last two weeks of the semester. These requests must be approved by the Department Head. (If approved, this change will take place for the beginning of the second semester).

- No schedule changes will be reviewed unless they are completed during the approved times (first two weeks of the semester and the last two weeks of the first semester), and an SRBI Tier I Intervention has been logged in Power School.
- SPED schedule changes that occur as a result of a PPT do not require approval from a Department Head. SPED schedules changes that occur outside of a PPT must follow the regular process.

CREDIT RECOVERY

Credit Recovery class is an opportunity for students to recover credits they did not receive due to a failing grade in a specific course or courses. Only students in 11th and 12th grades who have previously taken a course and failed are eligible for Credit Recovery. Credit Recovery operates as an online program that allows students to move at their own pace. Students complete lessons and are tested on information they learn unit by unit. Upon completion of all course work, students receive a grade of either PASS or FAIL. Students in Credit Recovery cannot take more than two semesters in one content area and can take no more than eight semesters in total. The attendance policy is the same with Credit Recovery as any other class. Students are expected to continue their online work at home to expedite the recovery of credit. Students are required to complete their classwork during the semester. Classes will not roll over. Students interested in registering for Credit Recovery must obtain permission from their school counselor. The following Credit Recovery courses are offered: English III, English IV, Geometry, Algebra II, Biology, Chemistry, World Studies, World History, U.S. History, Civics, Personal Finance, and Health. Please note: **THE NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA) DOES NOT ACCEPT COURSES FOR CREDIT WHICH EARN A PASS/FAIL GRADE.**

**PLEASE SEE THE STUDENT HANDBOOK FOR CIAC / DANBURY
ACADEMIC ELIGIBILITY RULES FOR ATHLETES**

SPECIAL PROGRAMS

COURSES ELIGIBLE FOR COLLEGE CREDIT

INDEPENDENT STUDY

SUMMER LEARNING OPPORTUNITIES

VIRTUAL LEARNING

YOUTH PARTICIPATION PROGRAM

HEALTH & BIO SCIENCE ACADEMY

DANBURY EARLY COLLEGE ACADEMY

COURSES ELIGIBLE FOR COLLEGE CREDIT

Department	DHS Course Name	DHS Course Number	Connected College	College Course Name	College Course Number
English	AP English Language	EN941A	WCSU	English Seminar (Writ Int)	ENG 130W
English	AP English Literature	EN931A	WCSU	Introduction to Literature	ENG 198
Math	AP Calculus AB	MA911A	WCSU	Calculus I	MAT 181
Math	AP Calculus BC (S1)	MA921A	WCSU	Calculus I	MAT 181
Math	AP Calculus BC (S2)	MA921A	WCSU	Calculus II	MAT 182
Math	AP Statistics	MA931A	WCSU	Statistics	MAT 120
Science	AP Chemistry (S1)	SC911A	WCSU	General Chemistry I	CHE 110
Science	AP Chemistry (S2)	SC911A	WCSU	General Chemistry II	CHE 110
Science	AP Biology (S1)	SC901A	WCSU	General Biology I	BIO 103
Science	AP Biology (S2)	SC901A	WCSU	General Biology II	BIO 104
Science	AP Environmental Science	SC931A	WCSU	Biology of the Environment	BIO 156

INDEPENDENT STUDY

Any student enrolled in a planned instructional program through a supervising DHS teacher may receive recognition on official transcripts for such instruction. Credit will be approved by the high school principal upon fulfilling the following requirements:

1. Independent studies can only be requested if the course is not offered at Danbury High School.
2. Proposals may not exceed one credit for a program during a student's high school career.

3. Four (4) copies of an application and course of study must be presented to the Principal or Associate Principal of Instruction for approval at the beginning of the school year or semester. Credit will not be granted retroactively. The forms must have the signature and approval of the principal or associate principal, a department head, the DHS supervising teacher, and the student.
4. The application should include a description of course work to be undertaken, learning objectives (including relevant standards), and assessment of learning. Credit to be earned will be determined upon the department head's review and recommendation to the principal or associate principal.
5. After receiving the approval of school authorities, one copy of the application/course of study will be filed with the department head, one with the principal's office, one with the DHS supervising teacher, and one with the student.
6. At the end of the school semester or year, the DHS teacher will check the appropriate box on the application/course of study which indicates whether the student has successfully completed the program. The DHS teacher will provide two (2) interim and one (1) final written evaluation of the student's performance/work and sign the form, which will be forwarded to the department head.
7. The department head will review the teacher's evaluations and recommend to the principal or associate principal whether credit will be granted. The principal or associate principal shall award the school credit, and record it in the official transcript.
8. In the event there is a disagreement at step 3 or 6, the matter will be referred to the Deputy Superintendent of Schools for resolution. This decision can be appealed through the Superintendent of Schools.

SUMMER LEARNING OPPORTUNITIES

Danbury High School is offering an expanded summer-learning program for all high school students. The high school program offers two summer programs: Acceleration and Enrichment courses, and Credit Restoration for core academic high school courses.

ACCELERATION AND ENRICHMENT PROGRAM

The Summer Acceleration Program will provide multiple learning opportunities for Danbury High School students. Courses have been designed to accelerate learning toward district standards so that students have more opportunities to take advanced courses at DHS during the regular school year. Accelerated courses will be graded as a Pass/Fail and do not count towards GPA or class rank. Please note the National Collegiate Athletic Association (NCAA) does not accept courses for credit which earn a Pass/Fail grade.

Participating students will progress through rigorous course pacing. Most courses will include a blended learning component requiring students to complete coursework on-line outside of the scheduled in-class meeting times.

The following courses will be offered (please see the course descriptions in the department sections for any prerequisites):

Algebra I, College Prep, Semester I and II
Algebra II, College Prep, Semester I and II (*)
Geometry, College Prep, Semester I and II (*)
Chemistry, College Prep, Semester I and II (*)
General Art, College Prep, Semester I and II
Computer Applications, College Prep, Semester I and II

Physical Education and Health

(* denotes course is available ONLY to students entering 10th, 11th or 12th grade.

Note: Classes require minimum student enrollment. A determination will be made in June if a class will be offered, and information will be posted on the summer-school website.

Additional details, including specific dates and times, and registration information will be made available in the spring to all students. Courses will run for six weeks and cost approximately \$550 for Danbury residents and \$650 for non-Danbury residents. These courses will be taught at the Honors level, not College Prep.

CREDIT RESTORATION PROGRAM

Credit Restoration courses are offered as an opportunity to make up credits for students who have failed courses. To enroll in summer school, students must have passed at least one quarter of the semester class. Students who successfully complete summer school can earn .5 credit per period, per semester. Students will earn a numerical grade and grades will count towards a student's GPA and class rank.

The following courses will be offered (please see the course descriptions in the department sections for any prerequisites):

English I	Algebra II	Modern World Studies
English III	Biology	U.S. History
English IV	Chemistry	Civics
Geometry	World Studies	

Note: Classes require minimum student enrollment. A determination will be made in June if a class will be offered, and information will be posted on the summer-school website.

Additional details, including specific dates and times, and registration information will be made available in the spring to all students. Courses will run for two weeks and cost approximately \$140 for Danbury residents.

VIRTUAL LEARNING

Danbury High School will only accept online learning requests from an approved, accredited institution. A student requesting to take an online course for credit must complete the appropriate application (available from school counselors), secure all required signatures and submit the application to the Associate Principal of Instruction before registering. In addition to the application, students must also submit curriculum, sample units, or a syllabus prior to approval. Danbury High School will only consider applications for virtual learning requests if:

- 1) the course is not offered at Danbury High School, or
- 2) the class taken at Danbury High School resulted in a failure.

A maximum of two credits per year, including summer school online credit, will be permitted. Virtual learning policies do not apply to Credit Recovery classes taken at Danbury High School. For more information on Credit Recovery, please refer to the description above. The student/parent/guardian is responsible for all financial expenses or fees for online learning. The Danbury High School administration reserves the right to deny applications for online coursework and acceptance of online credits. Virtual learning grades will not be included in GPA or rank-in-class calculations.

YOUTH PARTICIPATION PROGRAM

The Youth Participation Program (Y.P.P.) provides an opportunity for DHS students to participate in a learning experience outside of the traditional classroom setting. Students may choose to assist at one of the numerous work sites or training stations within Danbury High School, including most offices, the Student Tutoring Center, the Library/Media Center, and certain classes. Students may also choose to provide individualized assistance for staff members such as the athletic director, counselors, or Department Heads. Students are expected to participate to the extent of developing skills, providing necessary services, and assuming responsibilities and proper attitudes as expected by their supervisor. The objectives of this program are to provide non-paid work experience in career options, to involve students in the decision-making process, and to provide students with an opportunity to participate in varied aspects of school life.

A Y.P.P. candidate must apply, with the recommendation of a school counselor, at the beginning of each semester within the permitted add/drop period. If the student is applying to work for an individual teacher, approval must also be obtained from the appropriate Department Head and the School Counseling Department Head. Y.P.P. is a program for in-school credit. A student can earn a maximum of .5 credit through Y.P.P. each year by working 5 periods per week for a full year.

Students who wish to participate in the Y.P.P. program should contact their school counselors and fill out the application form which will require the following information:

1. The nature of the work to be performed.
2. The number of hours of work per week.
3. The number of weeks the program will last.
4. The name of the person in charge of the work area.

Credit allocations are as follows:

Semester, 1 period per week = 0.05
Semester, 2 periods per week = 0.1
Semester, 3 periods per week = 0.15
Semester, 4 periods per week = 0.2
Semester, 5 periods per week = 0.25

Full year, 1 period per week = 0.1
Full year, 2 periods per week = 0.2
Full year, 3 periods per week = 0.3
Full year, 4 periods per week = 0.4
Full year, 5 periods per week = 0.5

THE ACADEMY OF HEALTH AND BIOSCIENCE
Grades 11-12

HEALTH & BIOSCIENCE ACADEMY

The Health & BioScience Academy is a one or two-year program for Juniors and Seniors. Courses taken in the Health & BioScience Academy can result in the student receiving state and national certifications in multiple recognized health care careers, immediate entry into the workforce, and the foundation of knowledge necessary for entry into college majors in the areas of nursing, medicine, and other diversified health fields. **The Health & BioScience Academy Courses must all be taken concurrently. An application must also be submitted during course registration.**

DANBURY HIGH SCHOOL ACADEMY OF HEALTH AND BIOSCIENCES	
ACADEMY COURSES	SUGGESTED COURSES TO TAKE
ADVANCED HEALTHCARE & BIOSCIENCES (HONORS)	A.P. BIOLOGY (SCIENCE DEPT.)
HUMAN ANATOMY & PHYSIOLOGY (HONORS) (SCIENCE DEPT.)	BIOLOGY (SCIENCE DEPT.)
NURSING ASSISTANT INTERNSHIP (HONORS)	CHEMISTRY (SCIENCE DEPT.)
	THE HUMAN BODY IN HEALTH & DISEASE (SCIENCE DEPT.)

FC461H NURSING ASSISTANT INTERNSHIP (HONORS) 11-12 .5 Credit

Students participate in off-campus clinical rotations in support of their in-class practicum and classroom training in order to obtain 60 or more hours of clinical experience as required for Connecticut Nursing Assistant Certification. Training will take place at Danbury Hospital, Bethel Health Care, and various other health care practices. Concepts from Advanced Health Care & BioScience Honors I & II will be applied as students explore nursing theory. There is a strong focus on development and mastery of nursing skills and procedures. Skill sets will include, but are not limited to, infection control procedures, response to emergency situations, patient safety, patient mobility, personal care, oral care, vital signs, comfort measures, and medical record documentation. **This course is taken concurrently with Advanced Health Care & BioSciences Honors.**

FC471H ADVANCED HEALTHCARE & BIOSCIENCES (HONORS) 11-12 1 Credit

This course prepares students for entry into Health and Medical Science related college majors and supports students during the Nursing Assistant Internship by broadening understanding of medical career pathways and health care systems while also developing a foundation in Allied Health. The following concepts will be introduced and then further explored: health careers, infection control, common chronic and acute conditions, understanding the healthcare setting, communication and cultural diversity, patient rights, patient safety, legal and ethical issues in healthcare, medical record documentation, health insurance, health care across the lifespan, medical terminology, patient-care skills, rehabilitation, skills, cognitive changes in the elderly, behavioral health, confusion and dementia, care for the pediatric client, & compassionate care for the end of life. This course fulfills the Health requirement. **This course is taken concurrently with Nursing Assistant Internship Honors & Human Anatomy & Physiology Honors.**

SC421H HUMAN ANATOMY & PHYSIOLOGY (HONORS) 11-12 1 Credit

Students will study the structure of the human body, how the human body functions, and changes that occur in the body over the lifespan and as a result of disease and illness. This course is classroom and lab-based. Furthermore, the course will explore traditional medical diagnostics and treatments as well as challenges posed by new technologies and alternative medicine. The course will prepare the student with knowledge of normal form and function of human organ systems, with anatomical and physiological laboratory techniques, which may be applied outside the course; and with a working vocabulary of anatomical and physiological terms, which will allow further independent learning and application. **This course is taken concurrently with Nursing Assistant Internship Honors & Advanced Healthcare & BioSciences Honors.**

DANBURY EARLY COLLEGE OPPORTUNITY (DECO) ACADEMY

The Danbury Early College Opportunity (DECO) is a four to six year program that allows credits to be applied toward a high school diploma and an associate degree in computer science from Naugatuck Valley Community College. Acceptance into the DECO Academy requires students to complete an application for the blind lottery by the end of April break of their 8th grade year. All incoming freshmen are welcome to apply. Up to 100 students are accepted each year.

If you would like additional information about DECO, please contact Sarah Roy, Director of DECO at roysar@danbury.k12.ct.us

DHS ACADEMY COURSES	NVCC COURSES TO TAKE
Workplace Learning I	Intro to Business
Workplace Learning II	Intro to Public Speaking
Intro to Computers	Programming I
Intro to Digital Arts	Programming II
Digital Imaging I	Macroeconomics
Workplace Learning III	Consumer Economics
	Intro to Operating Systems

AR174C INTRODUCTION TO DIGITAL ARTS (COLLEGE PREP) 10 .5 Credit

This course is an introduction and overview of the digital arts. The basic elements, components and skills required for digital art development and production will be defined and explored. Topics include: applications of digital arts, presentation software, visual design principles, digital media design, Web design, configuring a multimedia system, emerging technologies, multimedia components, and interactive multimedia development.

BU104C INTRODUCTION TO COMPUTERS (COLLEGE PREP) 10 .5 Credit

This is an introductory course for DECO students only in information technology concepts and software productivity tools intended for Computer Information Systems majors and other students interested in computers and Information Technology. Areas of instruction include computer concepts, current topics and trends in information technology, the role of computer systems in business problem solving, an introduction to the major career areas of Information Technology and Microsoft Office skills that are important to all college students.

Note: Must be currently enrolled in the DECO Academy

TE114C DIGITAL IMAGING 10 .5 Credit

Digital Imaging provides an in-depth study of digital image files and their uses in the realm of digital graphics, imaging, and video. Topics include: alpha channels, composition and lighting, color theory, data compression, filters, raster graphics, vector graphics, gradients, layering, screen resolution and bit depth, and video display formats.

WP601C WORKPLACE LEARNING I (COLLEGE PREP) 9 1 Credit

This course provides students with self-awareness, goal setting, time management, etiquette, and technology strategies. Students will be working with mentors primarily from NewOak and Pitney Bowes over a monitored, online mentoring program called MentorPlace developed by IBM for this specific purpose. Students will learn to: discover their learning strengths and weakness and employ strategies to improve their overall learning; learn strategies for communicating effectively with a variety of audiences; effectively set goals and plans to achieve those goals; practice appropriate business etiquette in a variety of settings; understand and utilize multiple technologies for business.

Note: Must be currently enrolled in the DECO Academy

WP701C WORKPLACE LEARNING II (COLLEGE PREP) 10 1 Credit

This course builds upon concepts taught in WorkPlace Learning I focusing on teamwork and group dynamics. WorkPlace Learning II provides students with the opportunity to master both formal and informal speaking and presentation skills. Students will continue working with mentors primarily from NewOak and Pitney Bowes over a monitored, online mentoring program called MentorPlace developed by IBM for this specific purpose.

Note: Must be currently enrolled in the DECO Academy

PREREQUISITE: Successful completion of Workplace Learning I

This course builds upon concepts taught in Workplace Learning I and II focusing on problem solving and professionalism. Students will work on building their resume and managing their personal finances. Students will act as mentors and role models for incoming DECO freshmen. Finally, students will learn what to expect from internships and various job environments.

Note: Must be currently enrolled in the Danbury ECO Academy.

PREREQUISITE: Successful completion of Workplace Learning II

AIR FORCE JUNIOR ROTC AEROSPACE

Full Year Courses:

RO101C	AEROSPACE HISTORY (Offered 2018-2019)
RO201C	AEROSPACE SCIENCE (Offered 2019-2020)
RO301C	SPACE (Offered 2016-2017)
RO401C	AEROSPACE CULTURAL STUDIES (Offered 2017-2018)

Half Year Courses:

NONE

Air Force Junior Reserve Officer Training Corps (AFJROTC) is a citizenship program for high school students in the ninth through twelfth grades. Although it has many similarities to college-level ROTC, AFJROTC is not a military entrance program. Students are not recruited into the military. AFJROTC encourages its students to get involved in their local communities to produce well-informed and helpful citizens. Each year's Aerospace Science course work relates to a different theme. Examples include: A Journey into Aviation History, The Science of Flight, and The Exploration of Space. To enhance classroom learning, students participate in extracurricular and social activities such as field trips, drill teams, honor guards, model rocketry, and evening functions. All AFJROTC courses also include a Wellness and Physical Fitness component each week.

All Aerospace courses are open to both boys and girls, are elective, and are options for other elective courses. All Aerospace students are required to wear the AFJROTC uniform (provided free with a small security deposit) once per week and they are required to maintain certain minimum grooming standards. Failure to comply with either requirement will result in course failure and removal from the program.

All Aerospace classes meet once per day. Forty percent of the course deals with military and leadership training, physical fitness, and wellness. Forty percent is devoted to aerospace academic studies. Twenty percent is based upon preparation and participation in the Wellness and Physical Fitness component.

All Aerospace students are expected to participate in extra- and co-curricular activities. Clubs and teams usually meet once or twice per week between 2:00 and 4:00 p.m. On occasion, there is the possibility of an overnight field trip. All Aerospace students are expected to participate in the annual Memorial Day Parade, Military Awards Banquet, Military Ball, and Dining In.

RO101C AEROSPACE HISTORY (COLLEGE PREP) 9-10-11-12 1 Credit

In this course, students explore topics concerning the aerospace age to gain an overall view of the aerospace industry. The course covers the history and early pioneers of man's efforts into aviation and space. It also takes a look at the aerospace community and its various components, with specific attention paid to civil aviation and the organization for national defense. It examines the physical principles of flight and the overall effect of scientific and technological developments of airpower and space power on warfare and on society. Forty percent of the course consists of Leadership Laboratory dealing with the fundamentals of military drill, customs and courtesies of the service, self-discipline, and citizenship training, as well as physical fitness and wellness. All Aerospace courses are taught on a rotating, annual basis with students earning one credit for each class over four years. (Scheduled for 2018 – 2019)

RO201C AEROSPACE SCIENCE (COLLEGE PREP) 9-10-11-12 1 Credit

In this course, students investigate the theory of flight, navigation, aerospace environment, and human requirements of flight. Forty percent of the course consists of intermediate Leadership Laboratory, speech communications, and command voice and military drill, as well as physical fitness and wellness. All Aerospace courses are taught on a rotating, annual basis with students earning one credit for each class over four years. (Scheduled for 2019 – 2020)

RO301C SPACE (COLLEGE PREP) 9-10-11-12 1 Credit

In this course, students explore and conduct experiments in rocketry, space systems, propulsion systems, and space travel. Students also learn and apply the principles of systems engineering and the scientific method to complete a long-term group project in model rocketry. Forty percent of this course consists of advanced Leadership Laboratory applications (management of the corps of cadets), review of military customs and courtesies, and public speaking, as well as physical fitness and wellness. All Aerospace courses are taught on a rotating, annual basis with students earning one credit for each class over four years. (Scheduled for 2016 – 2017)

RO401C AEROSPACE CULTURAL STUDIES (COLLEGE PREP) 9-10-11-12 1 Credit

In this course, students examine how various cultures are affected by developments in science and technology. They also explain the physical principles of energy use and how energy affects global relationships. Each of the following regions of the globe is examined: the Middle East, Asia, Africa, Russia & former Soviet Republics, Latin America, and Europe. Forty percent of this course is Leadership Laboratory with emphasis on advanced management techniques in flight and squadron leadership, running a military organization, public speaking, and command responsibility, as well as physical fitness and wellness. All Aerospace courses are taught on a rotating, annual basis with students earning one credit for each class over four years. (Scheduled for 2017 – 2018)

ART

Full Year Courses:		Half Year Courses:	
AR901A	A.P. Studio Art	AR204C	Animation I
AR131C	Cartooning	AR214H	Animation II (Honors)
AR121C	Crafts	AR224C	Ceramics Fundamentals
AR161C	Fashion Photography	AR064C	Drawing Skills I
AR101C	General Art	AR074C	Drawing Skills II
AR111C	Studio Art I	AR114C	Film Production I
AR221H	Studio Art II (Honors)	AR124H	Film Production II (Honors)
AR301H	Studio Art III (Honors)	AR234C	Intermediate and Advanced Ceramics
AR151H / BU131H	Video Game Graphics/ Video Game Design (Honors)	AR174C	Introduction to Digital Arts I
AR141H	Web Design (Honors)	AR184C	Introduction to Digital Arts II
		AR084C	Painting Skills
		AR044C	Photography I
		AR054C	Photography II
		AR024C	Sculpture I
		AR034C	Sculpture II

ART CURRICULUM SEQUENCE	
INTRODUCTORY COURSES FOR ALL STUDENTS	ACCELERATED COURSES FOR ADVANCED STUDENTS
ANIMATION	A.P. STUDIO ART
CARTOONING	INTERMEDIATE & ADVANCED CERAMICS
CERAMICS FUNDAMENTALS	INTRODUCTION TO DIGITAL ARTS II
CRAFTS	STUDIO ART I
DRAWING SKILLS	STUDIO ART II HONORS
FASHION PHOTOGRAPHY	STUDIO ART III HONORS
FILM	VIDEO GAME GRAPHICS/VIDEO GAME DESIGN HONORS
GENERAL ART	WEB DESIGN HONORS
INTRODUCTION TO DIGITAL ARTS I	
PAINTING SKILLS	
PHOTOGRAPHY I	
PHOTOGRAPHY II	
SCULPTURE	

AR234C INTERMEDIATE & ADVANCED CERAMICS II (COLLEGE PREP) 9-10-11-12 .5 Credit

This course introduces additional ceramic concepts and techniques beyond the beginning levels. Students will have an opportunity to create highly-crafted, functional, and decorative pieces such as mugs, cups, platters, vases, and sculptural work, as well as receive an introduction to the potter's wheel. Students will have a chance to produce work in a series, learn about alternative kiln-firing processes and production ceramics on the professional studio level. The chemistry of glazes and clay bodies will be introduced and students will have the opportunity to experiment with these media in order to further enhance their creative potential. Students may keep the work they produce and take pride in knowing that with proper care their artwork can be treasured for generations.

PREREQUISITE: Ceramics I

AR024C SCULPTURE I (COLLEGE PREP) 9-10-11-12 .5 Credit

This course emphasizes the additive method of creating three-dimensional forms using clay, papier mache, and new materials. The subtractive method (carving) using wood, plaster, styrofoam, and other materials will be explored.

AR034C SCULPTURE II (COLLEGE PREP) 9-10-11-12 .5 Credit

This course explores more varied and complex sculpture materials and techniques. Students may then elect to do advanced work in one or two materials.

PREREQUISITE: Sculpture I

AR131C CARTOONING (COLLEGE PREP) 9-10-11-12 1 Credit

All styles of cartooning are welcome in this course (superhero, funny animal, comic strip, anime, etc.). Emphasis will be placed on the development of original cartoon characters and the universes they inhabit. The fundamentals of general art techniques and contemporary cartooning are featured in this course, including: character development, narrative art techniques, comic strips, penciling, inking, storyboarding, coloring, cell animation, and stop-motion animation techniques.

AR064C DRAWING SKILLS I (COLLEGE PREP) 9-10-11-12 .5 Credit

Drawing is a learnable skill and this course is designed for students who may never have taken an art elective but would like to learn how to draw. This class is especially useful for all students who might use drawing to illustrate school and community projects. Drawing media will include pencil, charcoal, pen, and ink.

Note: You may register for Drawing Skills I and not Drawing Skills II

AR074C DRAWING SKILLS II (COLLEGE PREP) 9-10-11-12 .5 Credit

Students will use various programs and technologies in order to create images and illustrations. Student art will use photo-manipulation, as well as working “from scratch.” Lessons will be inspired by the work of established artists from history. Students will be taught and expected to use a traditional creation process as it translates within the digital environment. They also will learn about and implement the elements and principles of design.

AR184C INTRODUCTION TO DIGITAL ARTS II (COLLEGE PREP) 9-10-11-12 .5 Credit

In this continuation of Computer/Digital Arts I, students will use technology to create illustrations and images based upon the work of established past and contemporary artists. Students will use programs that will allow them to create composite images and manipulate their own and others’ photographs. Students will use a traditional creative process and focus on the elements and principles of design as they exist within a digital environment.

PREREQUISITE: Introduction to Digital Arts I

AR204C ANIMATION I (COLLEGE PREP) 9-10-11-12 .5 Credit

Students will be creating and sharing animated shorts from the very beginning of the class. The course will not only have students creating animations, but also understanding the science behind these animations. The first half of the course focuses on traditional hand-drawn animated sequences. During the second half, the course shifts into digital 2-dimensional animation using Adobe Flash.

AR214H ANIMATION II (HONORS) 9-10-11-12 .5 Credit

This course builds upon the skills acquired in Animation I. Students begin by creating more complex animations within Adobe Flash. The course transitions from 2-dimensional animation into 3-dimensional animation. All students will be introduced to a complex 3-dimensional modeling and animation program called Blender. The animations created by the students in Blender will look similar to those found in contemporary video games and animated movies. Students will craft both the character and the world in which the character exists, rig the character so that it may move within the world, light the world, add textures and skins to objects, and control camera angles and shots.

PREREQUISITE: Animation I

AR151H VIDEO GAME GRAPHICS (HONORS) 10-11-12 2 Credits
BU131H VIDEO GAME DESIGN (HONORS)

This course will provide students with real-life understanding and application of the process used to program and animate a functioning video game. Courses will be structured like a working video game design team. Students will be exposed to and work in the many different roles within the video game design process. These two courses will run simultaneously, bringing the roles together to create a finished game. **THIS IS A DOUBLE PERIOD CLASS.**

AR044C PHOTOGRAPHY I (COLLEGE PREP) 9-10-11-12 .5 Credit

BU211C	Accounting I	BU284H	Computer Science – Intro to Programming (Honors)
BU311H	Accounting II (Honors)	BU294H	Computer Science – Advanced Programming (Honors)
BU101C	Computer Applications	BU204C	Desktop Publishing
BU901A	Computer Science (A.P.)	BU214C	Web Design
BU111C	Introduction to Marketing and Business	BU304H	E-Commerce/Entrepreneurship (Honors)
BU301C	Marketing I	BU244C	Fashion Marketing
BU401H	Marketing II (Honors)	BU104C	Introduction to Computers
BU501H	Peer Leadership (Honors)	BU234C	International Business
AR151H/ BU131H	Video Game Graphics/ Video Game Design (Honors)	BU274H	Mobile App Development (Honors)
		BU254C	Personal Finance I
		BU354H	Personal Finance II (Honors)
		BU224C	Sports and Entertainment Business

**DANBURY HIGH SCHOOL
BUSINESS CURRICULUM SEQUENCES**

FINANCE	MARKETING	BUSINESS ADMINISTRATION	COMPUTER SCIENCE	INFORMATION PROCESSING

ACCOUNTING I	FASHION MARKETING	ACCOUNTING I	A.P. COMPUTER SCIENCE	COMPUTER APPLICATIONS
ACCOUNTING II (HONORS)	INTRODUCTION TO BUSINESS AND MARKETING	ACCOUNTING II	COMPUTER APPLICATIONS	DESKTOP PUBLISHING
COMPUTER APPLICATIONS	MARKETING I	COMPUTER APPLICATIONS	COMPUTER SCIENCE – INTRO. TO PROGRAMMING (HONORS)	INTRODUCTION TO COMPUTERS
COMPUTERS I – DESKTOP PUBLISHING	MARKETING II	DESKTOP PUBLISHING	COMPUTER SCIENCE – ADVANCED PROGRAMMING (HONORS)	MOBILE APP DEVELOPMENT
COMPUTERS II – WEB DESIGN (HONORS)		WEB DESIGN	COMPUTER WEB MASTER (HONORS)	WEB DESIGN
E-COMMERCE/ ENTREPRENEURSHIP (HONORS)		E-COMMERCE/ ENTREPRENEURSHIP (HONORS)	VIDEO GAME GRAPHICS/ VIDEO GAME DESIGN (HONORS)	
PERSONAL FINANCE I		INTERNATIONAL BUSINESS		
PERSONAL FINANCE II (HONORS)		SPORTS AND ENTERTAINMENT BUSINESS		
		PEER LEADERSHIP (HONORS)		

BU211C ACCOUNTING I (COLLEGE PREP)

9-10-11-12 1 Credit

Business Majors Wanted! This course will give you a competitive advantage in your college business courses. Accounting I covers the fundamentals of financial accounting. Students will be able to examine, interpret and

two courses will run simultaneously, bringing the roles together to create a finished game. THIS IS A DOUBLE PERIOD CLASS.

BU224C SPORTS & ENTERTAINMENT BUSINESS (COLLEGE PREP) 9-10-11-12 .5 Credit

The sports and entertainment business industry continues to grow rapidly, requiring qualified professionals at every level to accommodate its growth. This course provides an introduction to Sports & Entertainment Business industry career fields with an overview of the history, impact, types, and trends of events and venues, the principles of event planning, the role of venues, and career options in each field. Students taking Sports & Entertainment Business will have the opportunity to participate in the DECA organization.

BU234C INTERNATIONAL BUSINESS (COLLEGE PREP) 9-10-11-12 .5 Credit

Students will learn the basic foundations of business within the context of the global economy with strong links to cultures around the world. Topics such as cultural influences on business, government and political influences on business, structures of international business organizations, importing, exporting, and trade relations, legal agreements around the workplace, and global marketing will be covered in this course.

BU254C PERSONAL FINANCE I (COLLEGE PREP) 9-10-11-12 .5 Credit

Managing personal finances is an essential life skill in today's competitive world. This course will emphasize how to save for the future, create a savings and spending plan (budget), maintain a checking and savings account, explore insurance options, and plan for finances after high school. Topics covered in Personal Finance include personal decision making; career planning; budgeting; investing; financing a car; using credit wisely; introduction to financial institutions; and taxes. This course will prepare students for a successful financial future.

BU354H PERSONAL FINANCE II (HONORS) 9-10-11-12 .5 Credit

Personal Finance II allows for a student to gain greater in depth knowledge of insurance, stocks, bonds, and investments allowing for a better understanding in making choices in life with mortgages, loans, wills and estates. There is a strong exploratory emphasis on financial careers and investments through job shadows, mentorships, and financial fairs.

PREREQUISITE: Personal Finance I

BU501H PEER LEADERSHIP (HONORS) 12 1 Credit

This course provides students with opportunities to develop communication and leadership skills through group dynamic activities, conflict resolution, self-exploration, and interpersonal development. There is a strong focus on the culture of adolescence and young adulthood. Students build skills through the Freshman Peer Groups,

create, facilitate, and evaluate modules/lesson plans transitioning the 9th grade community into the high school setting. Students participate in a community service project and assume the role(s) of leader in a school/out-of-school setting. Peer Leadership seeks students who are self-motivated, role models for the school community, and who work well independently and collaboratively with students and staff members. The class requires 20 hours of community service and students must complete an application process to be considered for the class. There is a mandatory retreat scheduled during the summer before school starts.

MARKETING EDUCATION PROGRAM

Marketing Education is a cooperative program conducted by the school and the business community in Danbury for students interested in entering the business world in the areas of distribution and marketing of goods and services. In the junior year, students begin with Marketing I and study subjects related to the field of merchandising, marketing, and management along with the additional subjects required for graduation. In the senior year, Marketing II is taken. The student receives supervised on-the-job training during afternoons, weekends, and vacation periods. Marketing Education students, who usually spend about 15 hours a week at their part-time jobs, work in such places as department stores, food markets, clothing stores, and restaurants. Academic credit is given both for classroom work and for work at the student's job training station.

BU111C INTRODUCTION TO MARKETING AND BUSINESS (COLLEGE PREP) 9-10-11-12 1 Credit

Introduction to Marketing and Business introduces students to the world of business with a focus on the marketing field. Students will be exposed to the various departments in business and will be capable of identifying with the job responsibilities helping them make a career decision. Students will learn about marketing, business law, economics and personal finance, accounting, international business, management, and owning their own business. Students in this course are eligible to join the Distributive Education Clubs of America (DECA) and participate in their program of activities.

BU301C MARKETING I (COLLEGE PREP) 10-11-12 1 Credit

Marketing I is the first course of a two-year program that provides an understanding of the business world and development of the student's knowledge and ability in the marketing field. Marketing I introduces the students to the processes and functions involved in transferring business products or services to a consumer. The course's main focus is on analyzing the marketing mix, their interrelationships, and how they are used in the marketing process. Students will recognize the customer-oriented nature of marketing and analyze the impact of marketing activities on the individual, business, and society. The students in Marketing I are responsible for operating the school store. The Distributive Education Clubs of America (DECA) is an integral part of this course.

BU401H MARKETING II (HONORS) 11-12 1 Credit

Marketing II presents an advanced program of study in marketing, merchandising, and management. Marketing research projects involving independent work are conducted in a wide variety of areas by the students in this

program. Students serve as managers, buyers, and assistant buyers in the school store, and are placed in training stations within the community. Students receive classroom instruction in the following areas: merchandise information, advertising, visual merchandising, management, and product planning. This is an advanced course for those students wishing to gain further experience in the management phase of the marketing field.
PREREQUISITE: Any Marketing class, and must be at least sixteen years old on the first day of class

BU244C FASHION MARKETING (COLLEGE PREP) 10-11-12 .5 Credit

Fashion Marketing is designed to provide the serious fashion student knowledge of the various business functions in the fashion industry. Fashion marketing is one of the most exciting businesses in the world, representing billions of dollars in sales. The fashion business continues to grow rapidly in the United States and around the world with new opportunities. This course focuses on the world of fashion by exploring the components of fashion and why fashion has been important throughout history. Students will explore the basics of marketing fashion products and examine the wide variety of fashion businesses and why they play an important role in domestic and global economics. An emphasis will be placed on the real-world business perspective with such topics as: types of fashion and trends, creators of fashion, fashion products and research, fashion distribution, fashion pricing and technology, promoting fashion, and preparing for a career in fashion will be covered. Students taking Fashion Marketing will have the opportunity to participate in the DECA organization.

ENGLISH

Full Year Courses:		Half Year Courses:	
EN941A	AP English Language/ WCSU	EN334C	Classical Mythology I
EN931A	AP English Literature/ WCSU	EN434C	Classical Mythology II
EN101C	English I G 9	EN344C	Creative Writing I
EN191C	English I	EN354C	Creative Writing II
EN181C	English I Plus	EN374C	Harlem Renaissance I
EN191H	English I (Honors)	EN474C	Harlem Renaissance II
EN201C	English II	EN364C	Mystery & Suspense I
EN201H	English II (Honors)	EN464C	Mystery & Suspense II
EN301C	English III	EN384H	Poetry I (Honors)
EN301H	English III (Honors)	EN484H	Poetry II (Honors)
EN401C	English IV	EN394C	Visual Literature I
EN401H	English IV (Honors)	EN494C	Visual Literature II
EN281H	Journalism I (Honors)		
EN291H	Journalism II (Honors)		
EN211C	Transitional English		

All English and math classes at Danbury High School, regardless of level or grade, require summer work. All assignments are posted online on the DHS website as a Quick Link. Assignments will be collected on the first day of school and will be graded.

**DANBURY HIGH SCHOOL
GRADES 9 – 12 ENGLISH PROGRAM**

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
English I G9	English II	A.P. English Literature/WCSU	A.P. English Language/WCSU
Honors English I	Honors English II	English III	English IV
English I Plus		Honors English III	Honors English IV
10-12th GRADE ELECTIVES			
Classical Mythology I	Classical Mythology II	Creative Writing I	Creative Writing II
Harlem Renaissance I	Harlem Renaissance II	Journalism I (Honors)	Journalism II (Honors)
Mystery and Suspense I	Mystery and Suspense II	Poetry I (Honors)	Poetry II (Honors)
Visual Literature I	Visual Literature II		

EN191C ENGLISH I G9 (COLLEGE PREP) 9 1 Credit

English I is a preliminary survey of general English terms and skills. Students in this course will further develop the foundational skills in reading and writing as a continuation of those introduced in the previous grade.

Writing opportunities will address the constructs of process writing, and students will be guided through peer-conferencing and peer-editing on a regular basis to enhance their writing and foster the necessary relationships found in a writing community. Throughout the year, thematic units ask students to look at literature and how it relates to them and the world around them. Academic growth within these units will be measured through various performance-based and writing assessments. Students will also have a guaranteed portfolio experience, providing them the opportunity to look back at these assessments and reflect on how their writing has improved throughout the year.

EN101C ENGLISH I (COLLEGE PREP) 10-11-12 .5 Credit

This class is centered on instruction in the basic skills of English Language Arts. This is a mandatory class for students who have not successfully passed English I as freshmen. The variety of activities in this class will cover the scope of the English I curriculum, while moving at a pace which will encourage growth for the students. As the content will change from semester to semester, it need not be parallel to the English I semester for which the student needs credit. Students needing two semesters of English I may enroll for two semesters of this class.

EN191H ENGLISH I G9 (HONORS) 9 1 Credit

This course offers a challenging reading and writing program that encompasses the core curriculum and offers enrichment beyond the foundational skills. As such, the course demands extensive time and labor commitments outside of the classroom. The honors freshman English student will demonstrate analytical skills through sophisticated and substantive verbal and written responses to literature. Students will learn to form, support, and articulate critical responses to a variety of text and media genres. Like the core curriculum program, the Honors program has a guaranteed portfolio experience that offers students an opportunity to reflect on their learning through the year, but also requires the students to revisit and revise one piece of showcase writing.

EN181C ENGLISH I PLUS (COLLEGE PREP) 9 1 Credit

Students who are not reading at grade level by the end of grade 8 will be considered for this program. Selected students are required to take this course, which will satisfy the DHS graduation requirement for English I. Students will earn two credits, one for English and the other as an elective credit toward graduation requirements. Students will be given reading intervention embedded into their regular coursework. Course placement decisions are made by reviewing scores on the Scholastic Reading Inventory Assessment currently in use at the middle school, in addition to teacher recommendation and overall reading history.

EN211C TRANSITIONAL ENGLISH (COLLEGE PREP) 9-10-11-12 2 Credits

This double period English course incorporates the skills included in the English II curriculum with those reading skills necessary for comprehension and interpretation of the required course material and subject matter. In cases in which the student successfully completes the Transitional course earlier than Grade 12, subsequent English courses must be taken.

In order to be placed into Transitional English class, the student must have:

1. Passed ESL 3
2. Earned a 4 or 5 overall on the LAS Test
3. Earned a 3 or lower on either the reading or writing sections of the LAS Test

EN201C ENGLISH II (COLLEGE PREP) 10 1 Credit

English II is the second course in a four-year program that builds upon the foundational skills laid in the freshman year. Students will continue to develop the fundamental skills of communication with a focus on literary analysis, vocabulary development and presentation skills. The specific aims of the course are to help the student gain a greater facility in written and oral expression, as well as the continued development of reading comprehension. Throughout the year, students will participate in thematic units that ask the students to look at literature, and how it relates to themselves and the world around them. Students will have opportunities to express their understanding of material through a variety of different writing assignments. Students will have a guaranteed portfolio experience, providing opportunities to look back and reflect on how their writing has improved throughout the year.

PREREQUISITE: English I or concurrent enrollment

In order to be placed into English II, the student must have:

1. Passed English I or has concurrent enrollment
2. Exited out of the ESL Program by earning a 4 or 5 overall and a 4 or 5 on the reading and writing sections of the LAS Test

EN201H ENGLISH II (HONORS) 10 1 Credit

The English II Honors student will be expected to look at texts with a more astute eye and to write with much more elaboration. More importantly, the honors student must be self-motivated and willing to complete both reading and writing tasks outside of class. Selected texts will be more challenging on a variety of levels and will require additional writing assignments, and deeper analysis of literary elements and meaning. Students are expected to meet challenges with little support in the foundational skill areas. The students will write more in the honors setting and this writing will demonstrate a stronger and more esoteric understanding of the power of words and language. This course has a guaranteed portfolio experience that offers students an opportunity to reflect on their learning through the year.

PREREQUISITE: English I or concurrent enrollment

In order to be placed into English II, the student must have:

1. Passed English I or has concurrent enrollment
2. Exited out of the ESL Program by earning a 4 or 5 overall and a 4 or 5 on the reading and writing sections of the LAS Test

EN301C ENGLISH III (COLLEGE PREP) 11 1 Credit

English III is the third course in a four-year program and focuses on literary analysis, vocabulary development, and oral presentation. Specific aims are facilitation of written and oral expression, continued development of reading comprehension, and cultivation of deeper levels of understanding. Students will participate in thematic units that explore literature and question its relationship to their world. English III explores the American character through examination and analysis of the American Dream and the art of persuasion through the use of rhetorical devices and persuasive appeals to develop reading, writing and critical thinking abilities. Students will have a guaranteed portfolio experience, providing opportunities to look back and reflect on how their writing has improved throughout the year.

PREREQUISITE: English I and English II and/or concurrent enrollment in English II.

EN301H ENGLISH III (HONORS) 11 1 Credit

English III Honors students examine texts critically and write elaborately. Tasks in reading and writing are independent and demand self-motivation and adherence to task completion in a timely manner. Students are expected to meet challenges with little support in the foundational skill areas and to analyze literature from multiple perspectives. In addition to the writing portfolio, honors students will revise their weakest writing sample based on what they have learned throughout the school year. Like the core curriculum program, the Honors program has a guaranteed portfolio experience that offers students an opportunity to reflect on their learning through the year.

PREREQUISITE: English I and English II and/or concurrent enrollment in English II.

EN931A A.P. ENGLISH LITERATURE/WCSU 11 1 Credit

The A.P. English Literature and Composition course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students will consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. Students are required to take the A.P. English Literature test. Additionally, students seeking college credit from Western Connecticut State University must register with the University and pay a registration fee, which is payable directly to the University. WCSU students in this class must complete the course and earn a grade of 80 or better in order to be eligible for the college credit. This course will complete the freshman English requirement at Western Connecticut State University. Students should check other colleges or universities regarding the awarding of credit for this course.

PREREQUISITE: English II

EN401C ENGLISH IV (COLLEGE PREP) 12 1 Credit

The senior English course develops students as more sophisticated readers and writers in preparation for a post-high school experience. Students will compile real-world documents that set them up for success in their professional and academic futures. Through the exploration of literature, students will examine the various literary techniques authors use to make their writing more interesting and effective to the reader. Students will find direct connections between the author's writing and their own life experiences. Students will examine how different types of writing affect our lives, what makes a text timeless, how authors use satire, and how different

perspectives inform people in various ways. Much of the discussion that takes place in class comes from the student's ability to analyze the literature and make meaningful connections to it. Students will work to elevate their own written pieces through the development of personal voice and through the understanding of the connection writers make between audience and purpose. Students will have a guaranteed portfolio experience, providing opportunities to look back and reflect on how their writing has improved throughout the year.

PREREQUISITE: English I, English II and/or concurrent enrollment in English III

EN401H ENGLISH IV (HONORS) 12 1 Credit

In addition to the core curriculum, honors students will be challenged to think, write, and read at a more complex level. Each quarter, honors students will complete independent reading choices, multi-media presentations, and more in-depth analyses of texts. Students will work to master their understanding of literary devices through application, development of high-level vocabulary, and foster creativity through mirroring the organizational structures and language techniques made by writers they study in class. The expectation for honors students is to take a genuine interest in honing their thinking, writing, and reading skills in order to maximize their potential for the future. Like the core curriculum program, the Honors program has a portfolio experience that offers students an opportunity to reflect on their learning through the year.

PREREQUISITE: English I, English II and/or concurrent enrollment in English III

EN941A A.P. ENGLISH LANGUAGE/WCSU 12 1 Credit

The A.P. English Language and Composition/WCSU course is intended to provide students at Danbury High School with a comprehensive college English experience. The students will develop an understanding of themselves as readers, writers, and thinkers through exploring a variety of texts. This course will engage students in the work of academic inquiry through the interpretation of difficult texts, participation in the issues and arguments that animate the texts, and reflection on the significance for academic and general culture and for themselves of the critical work of reading and writing. Students will be asked to generate their own ideas and interpretations of the presented materials, and to develop logical, cogent, and creative arguments defending their positions. Students are required to take the A.P. English Language test. Students seeking college credit from Western Connecticut State University must register with the University and pay a registration fee, which is payable directly to the University. WCSU students in this class must complete the course and earn a grade of 80 or better in order to be eligible for the college credit. This course will complete the freshman English requirement at Western Connecticut State University. Students should check other colleges or universities regarding the awarding of credit for this course. There is an opportunity for an additional three college credits in writing if the student passes the A.P. exam. Students should contact the university directly to apply for that credit. **PREREQUISITE:** English III or A.P. English Literature

EN334C CLASSICAL MYTHOLOGY I (COLLEGE PREP) 10-11-12 .5 Credit

In this course, the student will be introduced to Greek and Roman mythology and will become acquainted with the commonplace facts and fables that serve as the basis of much of the great literature of Western civilization. The first part will deal solely with an intense investigation of the pantheon of gods; the second part will include reading from major works of classical authors in translation.

NOTE: You may sign up for either Classical Mythology I or II as the courses do not need to be taken in any sequence. There is **NO** prerequisite. All English electives may be combined in any manner. (e.g., Creative Writing I and Poetry II)

EN434C CLASSICAL MYTHOLOGY II (COLLEGE PREP) 10-11-12 .5 Credit

In this course, the student will be introduced to Greek and Roman mythology and will become acquainted with the commonplace facts and fables that serve as the basis of much of the great literature of Western civilization. The first part will deal solely with an intense investigation of the pantheon of gods; the second part will include reading from major works of classical authors in translation. N: You may sign up for either Classical Mythology I or II as the courses do not need to be taken in any sequence. There is NO prerequisite. All English electives may be combined in any manner. (e.g., Creative Writing I and Poetry II)

EN344C CREATIVE WRITING I (COLLEGE PREP) 10-11-12 .5 Credit

This course attempts to develop the basic writing ability of the student in all areas rather than primarily in exposition. The approaches used emphasize effectiveness of communication through extensive writing. NOTE: You may sign up for either Creative Writing I or II as the courses do not need to be taken in any sequence. There is NO prerequisite. All English electives may be combined in any manner. (e.g., Creative Writing I and Poetry II)

EN354C CREATIVE WRITING II (COLLEGE PREP) 10-11-12 .5 Credit

Students intent on continuing to develop skills in creative writing will be given the opportunity to explore, with teacher guidance and group criticism, forms of poetry, short stories, and plays. The course will stress manuscript submission to appropriate writing markets and will emphasize polishing of creative drafts. NOTE: You may sign up for either Creative Writing I or II as the courses do not need to be taken in any sequence. There is NO prerequisite. All English electives may be combined in any manner. (e.g., Creative Writing I and Poetry II)

EN281H JOURNALISM I (HONORS) 10-11-12 1 Credit

Journalism includes instruction and practice in reporting and writing (news, sports, features, and opinion), advertising sales, photography, layout, and design. The course will also examine concepts such as freedom of the press, ethics, and the role of media in a free society. Class members will contribute to the writing and production of the award-winning student newspaper, *The Hatters Herald*. As an Honors course, strong writing skills are required. Some after-school commitment is involved in this course.

EN291H JOURNALISM II (HONORS) 10-11-12 1 Credit

In Journalism II, students serve as leaders of the award-winning student newspaper, *The Hatters' Herald*. They will learn to research and write in-depth stories while serving as mentors to beginning Journalism students. Advanced students may also apply to work at *The News-Times* as interns. After-school commitment is involved in this course.

PREREQUISITE: Journalism I

EN394C VISUAL LITERATURE I (COLLEGE PREP) 10-11-12 .5 Credit

Students will study the importance of film as a form of literature and for its role in society. The course uses film of different genres/eras as a major teaching tool to discuss literacy devices, to analyze and form opinions, and to develop critical viewing and writing skills. Assessments (e.g., discussions, papers, presentations) reflect the belief that interaction with a visual text should be on the literal, reflective, critical, and evaluative level. Journals and a research paper are an important part of the course.

NOTE: You may sign up for either Visual Literature I or II as the courses do not need to be taken in any sequence. There is NO prerequisite. All English electives may be combined in any manner. (e.g., Creative Writing I and Poetry II)

EN494C VISUAL LITERATURE II (COLLEGE PREP) 10-11-12 .5 Credit

Students will study the importance of film as a form of literature and for its role in society. The course uses film of different genres/eras as a major teaching tool to discuss literacy devices, to analyze and form opinions, and to develop critical viewing and writing skills. Assessments (e.g., discussions, papers, presentations) reflect the belief that interaction with a visual text should be on the literal, reflective, critical, and evaluative level. Journals and a research paper are an important part of the course.

NOTE: You may sign up for either Visual Literature I or II as the courses do not need to be taken in any sequence. There is NO prerequisite. All English electives may be combined in any manner. (e.g., Creative Writing I and Poetry II)

EN364C MYSTERY AND SUSPENSE I (COLLEGE PREP) 10-11-12 .5 Credit

The genres of mystery and suspense are taught through classic and modern examples of short stories, plays, films, and novels. Students will be writing critical response papers, character analysis papers, and descriptive pieces. Students will read mystery novels of their own selection to supplement what is studied in class. At semester's close, students will write their own mystery.

NOTE: You may sign up for either Mystery and Suspense I or II as the courses do not need to be taken in any sequence. There is NO prerequisite. All English electives may be combined in any manner. (e.g., Creative Writing I and Poetry II)

EN464C MYSTERY AND SUSPENSE II (COLLEGE PREP) 10-11-12 .5 Credit

The genres of mystery and suspense are taught through classic and modern examples of short stories, plays, films, and novels. Students will be writing critical response papers, character analysis papers, and descriptive pieces. Students will read mystery novels of their own selection to supplement what is studied in class. At semester's close, students will write their own mystery.

NOTE: You may sign up for either Mystery and Suspense I or II as the courses do not need to be taken in any sequence. There is NO prerequisite. All English electives may be combined in any manner. (e.g., Creative Writing I and Poetry II)

EN374C HARLEM RENAISSANCE I (COLLEGE PREP) 10-11-12 .5 Credit

This course involves an exploration of the literary, musical, and artistic genre of The Great Migration to our major Northern cities. The course celebrates achievements of African Americans who reclaimed their past and enjoyed a resurgence of their creative exploits in all walks of American life. Students will choose projects that will take them into varied disciplines to share with one another their discoveries from the Renaissance legacy and the connections they make to their current world. Opportunities will include theater, visits to relevant historical sites, guest speakers, art, and music lessons. Activities include reading/writing from models, viewing, enacting, interviewing/reporting, publishing/recording, research, and crafting for charity causes connected to the history.

NOTE: You may sign up for either Harlem Renaissance I or II as the courses do not need to be taken in any sequence. There is NO prerequisite. All English electives may be combined in any manner. (e.g., Creative Writing I and Poetry II)

EN474C HARLEM RENAISSANCE II (COLLEGE PREP) 10-11-12 .5 Credit

Students will be given a chance to continue their studies celebrating achievements of African Americans in writing. Various forms of writing will be studied including but not limited to fiction, poetry, and open prose. Students will continue to have opportunities to engage in authentic performances to bolster their understanding of the literature from this genre. Activities include reading/writing from models, viewing, enacting, interviewing/reporting, publishing/recording, research, and crafting for charity causes connected to the history.

NOTE: You may sign up for either Harlem Renaissance I or II as the courses do not need to be taken in any sequence. There is NO prerequisite. All English electives may be combined in any manner. (e.g., Creative Writing I and Poetry II)

EN384H POETRY I (HONORS) 10-11-12 .5 Credit

This course will include a study of poetry's history, poetic traditions, its development over time, and cultural, ethnic, national, and minority-specific contributions. As part of the course, students will imitate specific traditions and forms, generate original poetry, and attempt to publish original works. Students will be involved in the reading, analysis, writing, and critiquing of published and student-generated poetry.

NOTE: You may sign up for either Poetry I or II as the courses do not need to be taken in any sequence. There is NO prerequisite. All English electives may be combined in any manner. (e.g., Creative Writing I and Poetry II)

EN484H POETRY II (HONORS) 10-11-12 .5 Credit

This course will give students interested in pursuing their love of poetry an opportunity to delve deeper into the world of poetry. Students will be immersed in all facets of poetry from the production of a variety of poems to analyzing a variety of poets. Students will be led through the process of creation and construction of this genre and will have the opportunity to publish pieces each year.

NOTE: You may sign up for Poetry I or II as the courses do not need to be taken in any sequence. There is NO prerequisite. All English electives may be combined in any manner. (e.g., Creative Writing I and Poetry II)

ESL/BILINGUAL

Full Year Courses:		Half Year Course	
MA101C	Algebra I(College Prep) (Bilingual Spanish)	EN101C	English I (College Prep)
MA101C	Algebra I (College Prep) (Bilingual Portuguese)		
SC 111C	Biology(College Prep) (Bilingual Spanish)		
SC111C	Biology(College Prep) (Bilingual Portuguese)		
SC201C	Chemistry (College Prep) (Bilingual Spanish)		
SC201C	Chemistry (College Prep) (Bilingual Portuguese)		
SC201H	Chemistry (Honors) (Bilingual Spanish)		
SC201H	Chemistry (Honors) (Bilingual Portuguese)		
SS314C	Civics(College Prep) (Bilingual Spanish)		
SS314C	Civics(College Prep) (Bilingual Portuguese)		
EN191C	English I (College Prep)		
ES211C	English as a Second Language I(College Prep)		
ES231C	English as a Second Language II(College Prep)		
ES251C	English as a Second Language III(College Prep)		
MA211C	Geometry I(College Prep) (Bilingual Spanish)		
MA211C	Geometry I(College Prep) (Bilingual Portuguese)		
MA311C	Algebra II(College Prep) (Bilingual Spanish)		
MA311C	Algebra II(College Prep) (Bilingual Portuguese)		
ES271C EN281C	Language, Culture, and Civics(College Prep)		
SS201C	Modern World Studies(College Prep) (Bilingual Spanish)		
SS201C	Modern World Studies(College Prep) (Bilingual Portuguese)		

EN211C	Transitional English(College Prep)		
SS311C	U.S. History(College Prep)(Bilingual Spanish)		
SS311C	U.S. History(College Prep) (Bilingual Portuguese)		
SS191C	World Studies(College Prep) (Bilingual Spanish)		
SS191C	World Studies(College Prep) (Bilingual Portuguese)		

Placement in ESL classes will be based on previous schooling and LAS (Language Assessment Scales) Placement Guidelines for ESL I, II, III:

Recommendation/Guidelines for High School -- Overall Scale Score Ranges based on the Annual LAS Assessment Form C

Form C - Overall Scale Score Ranges

<u>* Levels</u>	<u>Grade 9</u>	<u>Grade 10</u>	<u>Grade 11</u>	<u>Grade 12</u>
ESL – 1	360 – 507	360 – 507	360 – 509	360 – 510
ESL – 2	508 – 546	508 – 548	510 – 550	511 – 552
ESL – 3	547 – 703	549 – 703	551 – 703	553 - 703

*ESL - 1 = LAS Links Level 1 (Beginner) and LAS Links Level 2 (Early Intermediate)

* ESL - 2 = LAS Links Level 3 (Intermediate)

* ESL – 3 = LAS Links Level 4 (Proficient) and LAS Links Level 5 (Above Proficient)

* An overall score of 4 or higher on LAS Links Form C and a score of 4 or higher on the reading and writing subtests will exit English Language Learner(ELL) students from their language support program.

Transitional English= Students who have successfully passed ESL 3 at DHS and have an overall score of 4 or 5 and a score equal to or lower than 3 in either reading and writing on the LAS.

***Eligible students are to be enrolled in a maximum of thirty months of bilingual programming. If an eligible student does not meet the English mastery standard at the end of thirty months, the school will provide language transition support services to such student.**

ES211C	ENGLISH AS A SECOND LANGUAGE I (COLLEGE PREP)	9-10-11-12	1 Credit in English
ES221C	ENGLISH AS A SECOND LANGUAGE 1 (COLLEGE PREP)	9-10-11-12	1 Credit in Electives

This is a basic course in developing English skills for ELLs. The emphasis is on securing a working knowledge of listening, speaking, reading, writing, and American culture. **THIS IS A DOUBLE PERIOD CLASS.**

ES231C	ENGLISH AS A SECOND LANGUAGE II (COLLEGE PREP)	9-10-11-12	1 Credit in English
ES241C	ENGLISH AS A SECOND LANGUAGE 1I (COLLEGE PREP)	9-10-11-12	1 Credit in Electives

ELLs who have developed some facility in English will enroll in this advanced beginner/intermediate course. ESL II concentrates on an intensive study of the structure of the English language and on composition. Students in this course will receive intensive instruction in beginning reading and basic writing in English. **THIS IS A DOUBLE PERIOD CLASS.**

ES251C	ENGLISH AS A SECOND LANGUAGE III (COLLEGE PREP)	9-10-11-12	1 Credit in English
ES261C	ENGLISH AS A SECOND LANGUAGE III (COLLEGE PREP)	9-10-11-12	1 Credit in Electives

Through the ESL continuum, students who have developed considerable ability in the use of spoken and written English, but who are not yet ready to function in a conventional English class at an appropriate grade level, will enroll in this course. **STUDENTS MUST REGISTER FOR BOTH COURSES AND CONCURRENTLY ENROLL IN ENGLISH I ON A PASS/FAIL BASIS.**

After students successfully complete ESL III (EN253C and ES261C), they move into the English department and will be placed in either Transitional English (EN213) or English II, depending on student English proficiency levels.

EN211C TRANSITIONAL ENGLISH (COLLEGE PREP)	9-10-11-12	2 Credits
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This double-period English course incorporates the skills included in the English II curriculum with those reading skills necessary for comprehension and interpretation of the required course material and subject matter. This double-period class is open to students who have successfully completed the ESL program to assure a smooth transition in their second-language acquisition progression. Students who successfully complete Transitional English earlier than Grade 12, will take subsequent English courses.

In order to be placed into Transitional English class, the student must have:

1. Passed ESL 3
2. Earned a 4 or 5 overall on the LAS Test
3. Earned a 3 or lower on either the reading or writing sections of the LAS Test

MA101C ALGEBRA I BILINGUAL (PORTUGUESE)(COLLEGE PREP)

9-10-11-12 1 Credit

This course is only for Portuguese-speaking students. This Algebra I course emphasizes the study of functions with tables, graphs, verbal rules and symbolic rules. Students will explore topics in systems of linear functions and inequalities, exponential functions, quadratic functions, and piece-wise functions. Practical application through the incorporation of word problems is required in this course. *See note on page 53

MA311C ALGEBRA II BILINGUAL (SPANISH) (COLLEGE PREP)

10-11-12 1 Credit

This course is only for Spanish-speaking students. This Algebra II course is designed to build on algebraic and geometric concepts and provides further development of the concept of a function. It develops advanced algebra skills such as systems of equations, imaginary and complex numbers, and a variety of functions including inverse, quadratic, polynomials, rational and power, exponential and logarithmic. The content of this course is important for students' success on the ACT, the SAT and college mathematics entrance exams. A graphing calculator is recommended. *See note on page 53

PREREQUISITE: Algebra I OR concurrent enrollment in Geometry

MA311C ALGEBRA II BILINGUAL (PORTUGUESE) (COLLEGE PREP) 10-11-12 1 Credit

This course is only for Portuguese-speaking students. This Algebra II course is designed to build on algebraic and geometric concepts and provides further development of the concept of a function. It develops advanced algebra skills such as systems of equations, imaginary and complex numbers, and a variety of functions including inverse, quadratic, polynomials, rational and power, exponential and logarithmic. The content of this course is important for students' success on the ACT, the SAT and college mathematics entrance exams. A graphing calculator is recommended. *See note on page 53

PREREQUISITE: Algebra I OR concurrent enrollment in Geometry

MA211C GEOMETRY I BILINGUAL (SPANISH) (COLLEGE PREP) 9-10-11-12 1 Credit

This course is only for Spanish-speaking students. This Geometry course emphasizes the study of congruence and similarity among classes of two and three dimensional geometric objects. Through the introduction of the point, line, plane, and space the students develop an understanding of theorems and postulates which form the foundation of geometry. Students will explore topics in quadrilaterals, triangles, surface area and volume, circles, trigonometry, and topics on probability. Practical application through the incorporation of word problems is required in this course. *See note on page 53

PREREQUISITE: Algebra I

MA211C GEOMETRY I BILINGUAL (PORTUGUESE) (COLLEGE PREP) 9-10-11-12 1 Credit

This course is only for Portuguese-speaking students. This Geometry course emphasizes the study of congruence and similarity among classes of two and three dimensional geometric objects. Through the introduction of the point, line, plane, and space the students develop an understanding of theorems and postulates which form the foundation of geometry. Students will explore topics in quadrilaterals, triangles, surface area and volume, circles, trigonometry, and topics on probability. Practical application through the incorporation of word problems is required in this course. *See note on page 53

PREREQUISITE: Algebra I

SC111C BIOLOGY BILINGUAL (SPANISH) (COLLEGE PREP) 9-10-11-12 1.2 Credit

This course is only for Spanish-speaking students. In this course, students will learn broad biological concepts with an emphasis on scientific literacy. Scientific literacy includes observation, problem solving, collecting data and making inferences. Students will study topics on cell chemistry, and biotechnology, genetics, evolution and biodiversity. Inquiry-based learning and required hands-on lab activities are integrated into the students' course work. This class has a lab that meets once per week. *See note on page 53

SC111C BIOLOGY BILINGUAL (PORTUGUESE) (COLLEGE PREP) 9-10-11-12 1.2 Credit

This course is only for Portuguese-speaking students. In this course, students will learn broad biological concepts with an emphasis on scientific literacy. Scientific literacy includes observation, problem solving, collecting data and making inferences. Students will study topics on cell chemistry, and biotechnology, genetics, evolution and biodiversity. Inquiry-based learning and required hands-on lab activities are integrated into the students' course work. This class has a lab that meets once per week. *See note on page 53

SC201C CHEMISTRY BILINGUAL (SPANISH) (COLLEGE PREP) 10-11-12 1.2 Credits

This course is only for Spanish-speaking students. This course provides an overview of chemical concepts with an emphasis on scientific literacy. Scientific literacy includes observation, problem solving, collecting data, and making inferences. Reading and research is required, as well as careful analysis in writing and class discussion of complex interactions of science and society. Inquiry-based learning and required hands-on lab activities are integrated into the student coursework. This class has a lab that meets once per week. *See note on page 53
PREREQUISITE: Algebra I or concurrent enrollment

SC201C CHEMISTRY BILINGUAL (PORTUGUESE) (COLLEGE PREP) 10-11-12 1.2 Credits

This course is only for Portuguese-speaking students. This course provides an overview of chemical concepts with an emphasis on scientific literacy. Scientific literacy includes observation, problem solving, collecting data, and making inferences. Reading and research is required, as well as careful analysis in writing and class discussion of complex interactions of science and society. Inquiry-based learning and required hands-on lab activities are integrated into the student coursework. This class has a lab that meets once per week.

*See note on page 53

PREREQUISITE: Algebra I or concurrent enrollment

SC201H CHEMISTRY BILINGUAL (HONORS) (SPANISH) 10-11-12 1.2 Credits

This course is only for Spanish-speaking students. This course provides an in-depth study of the principles and concepts of chemistry with emphasis on the application of mathematics and is recommended for students who have strong ability and/or interest in the sciences. Emphasis is placed on the scientific literacy which includes observation, problem solving, collecting data, and making inferences. Reading and research is required, as well as careful analysis in writing and class discussion of complex interactions of science and society. Inquiry-based learning and required hands-on lab activities are integrated into the student coursework. This course is appropriate for students interested in science or engineering-related college majors. This class has a lab that meets once per week.*See note on page 53

PREREQUISITE: Algebra I or concurrent enrollment

SC201H CHEMISTRY (HONORS) (PORTUGUESE) 10-11-12 1.2 Credits

This course is only for Portuguese-speaking students. This course provides an in-depth study of the principles and concepts of chemistry with emphasis on the application of mathematics and is recommended for students who have strong ability and/or interest in the sciences. Emphasis is placed on the scientific literacy which includes observation, problem solving, collecting data, and making inferences. Reading and research is required, as well as careful analysis in writing and class discussion of complex interactions of science and society. Inquiry-based learning and required hands-on lab activities are integrated into the student coursework. This course is appropriate for students interested in science or engineering-related college majors. This class has a lab that meets once per week.*See note on page 53

PREREQUISITE: Algebra I or concurrent enrollment

SS201C MODERN WORLD STUDIES BILINGUAL (SPANISH) (COLLEGE PREP) 10 1 Credit

This course is only for Spanish-speaking students. In this year-long survey course, students will study significant events of global 20th- and 21st-century history. A regional evaluation of events of the past will help students to understand the conflicts and crises of today's global civilization. Themes of power, nationalism, war, peace and global interdependence provide a powerful lens to view the world we live in. During the course of the year, students will improve analytical and research skills, reading comprehension, note taking and writing proficiency. Current events will be reviewed weekly and students will complete a significant research project.

*See note on page 53

**SS201C MODERN WORLD STUDIES BILINGUAL (PORTUGUESE) (COLLEGE PREP)
10 1 Credit**

This course is only for Portuguese-speaking students. In this year-long survey course, students will study significant events of global 20th- and 21st-century history. A regional evaluation of events of the past will help students to understand the conflicts and crises of today's global civilization. Themes of power, nationalism, war, peace and global interdependence provide a powerful lens to view the world we live in. During the course of the year, students will improve analytical and research skills, reading comprehension, note taking and writing proficiency. Current events will be reviewed weekly and students will complete a significant research project.

*See note on page 53

**SS191C WORLD STUDIES BILINGUAL (SPANISH) (COLLEGE PREP) 9-10-11-12
1 Credit**

This course is only for Spanish-speaking students. World Studies is designed to introduce students to major belief systems, the eras of the Middle Ages, Renaissance, Reformation and the Enlightenment. Organized in a chronological fashion, the course of study enables students to understand world, political, economic, religious, and social ideas, as well as values and attitudes to provide a full appreciation of their cultural heritage and diversity. Academic skills such as critical thinking, writing, primary and secondary source analysis are developed. *See note on page 53

SS191C WORLD STUDIES BILINGUAL (PORTUGUESE) (COLLEGE PREP) 9-10-11-12 1 Credit

This course is only for Portuguese-speaking students. World Studies is designed to introduce students to major belief systems, the eras of the Middle Ages, Renaissance, Reformation and the Enlightenment. Organized in a chronological fashion, the course of study enables students to understand world, political, economic, religious, and social ideas, as well as values and attitudes to provide a full appreciation of their cultural heritage and diversity. Academic skills such as critical thinking, writing, primary and secondary source analysis are developed. *See note on page 53

SS311C U.S. HISTORY BILINGUAL (SPANISH) (COLLEGE PREP) 11 1 Credit

This course is only for Spanish-speaking students. This U.S. History course covers major events and turning points starting with the Stock Market Crash of 1929 and The Great Depression. Students will work with complex research and hone their historical writing skills through a variety of critical thinking activities and projects. Student will investigate historical events through a unique lens, focusing on civil rights issues over time. Additionally, a year-long portfolio project will allow students to demonstrate and reflect on a variety of historical thinking skills mastered through each semester. The portfolios will prepare students for a required major research paper due towards the conclusion of the course. *See note on page 53

SS311C U.S. HISTORY BILINGUAL (PORTUGUESE) (COLLEGE PREP) 11 1 Credit

This course is only for Portuguese-speaking students. This U.S. History course covers major events and turning points starting with the Stock Market Crash of 1929 and The Great Depression. Students will work with complex research and hone their historical writing skills through a variety of critical thinking activities and projects. Student will investigate historical events through a unique lens, focusing on civil rights issues over time. Additionally, a year-long portfolio project will allow students to demonstrate and reflect on a variety of historical thinking skills mastered through each semester. The portfolios will prepare students for a required major research paper due towards the conclusion of the course. *See note on page 53

SS314C CIVICS BILINGUAL (SPANISH) (COLLEGE PREP) 11-12 .5 Credit

This course is only for Spanish-speaking students. This course deals with the concept of government, the basic elements of the U.S. Constitution, the essential characteristics of limited and unlimited government, and the evolution and many roles of the legislative, executive, and judicial branches of government. Students will examine the civic responsibilities that are important to preserving and improving our American constitutional democracy. *See note on page 53

SS314C CIVICS BILINGUAL (PORTUGUESE) (COLLEGE PREP) 11-12 .5 Credit

This course is only for Portuguese-speaking students. This course deals with the concept of government, the basic elements of the U.S. Constitution, the essential characteristics of limited and unlimited government, and the evolution and many roles of the legislative, executive, and judicial branches of government. Students will examine the civic responsibilities that are important to preserving and improving our American constitutional democracy. *See note on page 53

***Eligible students are to be enrolled in a maximum of thirty months of bilingual programming where offered. If an eligible student does not meet the English mastery standard at the end of thirty months, the school will provide language transition support services to such student.**

FAMILY & CONSUMER SCIENCES

Full Year Courses:		Half Year Courses:	
FC471H	Advanced Healthcare and Biosciences (Honors)	FC204C	Baking and Pastry Arts
FC201C	Child Development	FC104C	Birth Through Two
FC101C	Clothing & Textile Arts	FC214C	Child Psychology
FC321H	Culinary Arts On-The-Job Training(CAT) (Honors)	FC124C	Food and Nutrition
FC211C	Culinary Arts Training I(CAT)	FC134C	International Foods
FC311H	Culinary Arts Training II (CAT)(Honors)		
FC341H	Early Childhood Workshop (Honors)		
FC351C	Infant/Toddler Practicum		
FC461H	Nursing Assistant Internship (Honors)		
FC111C	Parenting		
FC331C	Social Psychology		

**FAMILY AND CONSUMER SCIENCES
ELECTIVE PROGRAM
RECOMMENDED OCCUPATIONAL AND ACADEMIC COURSE SEQUENCES**

CULINARY ARTS TRAINING	EARLY CHILDHOOD	HEALTH AND BIOSCIENCE ACADEMY	FAMILY AND CONSUMER SCIENCES PATHWAY
BAKERY AND PASTRY ARTS	BIRTH THROUGH TWO	ADVANCED HEALTHCARE & BIOSCIENCES (HONORS)	CLOTHING AND TEXTILES
C.A.T. ON-THE-JOB TRAINING	CHILD DEVELOPMENT	AP BIOLOGY	SOCIAL PSYCHOLOGY
CULINARY ARTS I	CHILD PSYCHOLOGY	HUMAN ANATOMY & PHYSIOLOGY (HONORS)	
CULINARY ARTS II	EARLY CHILDHOOD WORKSHOP	HUMAN BODY IN HEALTH & DISEASE	
FOOD AND NUTRITION	INFANT TODDLER PRACTICUM	NURSING ASSISTANT INTERNSHIP (HONORS)	
INTERNATIONAL FOODS	PARENTING	PHYSICS	

FC101C CLOTHING & TEXTILE ART (COLLEGE PREP) 9-10-11-12 1 Credit

This course enables students to develop proficiency in clothing construction and to utilize knowledge of textiles in selection of fabric and ready made garments. Traditional and computerized sewing machines are used in class. An individualized approach will permit beginners to participate on an elementary level and more advanced students to select more complex projects.

FC104C BIRTH THROUGH TWO (COLLEGE PREP) 9-10-11-12 .5 Credit

This course will examine the early stages of childhood by learning about development from birth until age two. Students will explore the topics of pregnancy and childbirth, characteristics of infants and toddlers, baby care, typical early childhood problems, and positive parenting techniques. Related topics such as adoption, hereditary diseases, and new childbearing techniques will also be covered.

FC201C CHILD DEVELOPMENT (COLLEGE PREP) 10-11-12 1 Credit

This course will study the physical, social, emotional, and intellectual development of children ages 3-5 years. Students will learn positive child-care techniques and teaching techniques which will be demonstrated as they work with children in the Little Hatters' Nursery School at DHS during the second semester. Preschoolers from the community will attend the nursery school for approximately 12 weeks from March until June. High school students will have the opportunity to observe and interact with the children in the nursery school setting. High school students (in groups of 3) will be assigned a day of teaching where they will prepare a typical lesson plan for preschoolers including songs, story time, games, art activities, and a healthful snack. In addition to the nursery school experience, related topics include: creativity, childhood nutrition, safety, child-abuse prevention, disability awareness, children's literature, and music enrichment. Students enrolling in this program must display maturity to work with young children in the nursery school setting

FC214C CHILD PSYCHOLOGY (COLLEGE PREP) 10-11-12 .5 Credit

This course examines the typical patterns of development of children from birth to pre-adolescence in relationship to historical and contemporary theories of development. Students will learn about many influential psychologists including Piaget, Vygotsky, Erikson, Maslow, and Freud. Special topics include: brain development, heredity and environment influences, cognitive and language development, learning styles, multiple intelligences, and emotional/ behavioral disorders of childhood.

FC341H EARLY CHILDHOOD WORKSHOP (HONORS) 11-12 1 Credit

The Early Childhood Workshop prepares students for employment, or serves as a pre-professional experience for the college bound student. Basic techniques of working with young children are acquired through classroom work and on the job training in various educational settings within the community. Students will gain experience with advanced lesson planning, handicapped awareness, and exploration of careers working with children. Students will be required to volunteer in classrooms within DHS or in the community either after school or during early dismissal for seniors. PREREQUISITE: Child Development

FC351C INFANT/TODDLER PRACTICUM I (COLLEGE PREP) 11-12 1 Credit

Students who have completed Child Development or Child Psychology may elect to participate in the Infant/Toddler program at DHS. Students will gain practical experience in working with infants and toddlers and develop competencies as daycare providers.

PREREQUISITE: Child Development or Child Psychology

FC331C SOCIAL PSYCHOLOGY (COLLEGE PREP) 11-12 1 Credit

This course helps students understand themselves better through the study of: personality formation, emotions, basic physical and psychological needs, and mental mechanisms. This knowledge is then applied to a variety of behaviors including male/female relationships, alcohol and drug abuse, mental disorders, pregnancy, peer leadership, sexually transmitted infections, and child abuse.

FC111C PARENTING (COLLEGE PREP) 9-10-11-12 1 Credit

This course is only offered to pregnant and parenting teens. The topics covered will include goal setting, child care skills, positive parenting techniques, and children's behavior patterns. The mission is to promote personal growth, educational competence, and economic self-sufficiency as socially responsible members of society. This course enables students to gain support from others in the same situation.

FC124C FOOD AND NUTRITION (COLLEGE PREP) 9-10-11-12 .5 Credit

This one-semester course is an introduction to food and nutrition, safety and sanitation, food storage, and food preparation skills. Lab experiences include a variety of techniques in preparing grains, quick breads, eggs, fruits, vegetables, dairy products, and meats. This course will enable students to realize benefits of sound nutrition and apply these principles to their daily lives.

FC134C INTERNATIONAL FOODS (COLLEGE PREP) 9-10-11-12 .5 Credit

International Foods will explore some of the culinary preparation techniques of international and ethnic foods as part of a person's cultural identity. The culturally-unique food traditions based on a country's climate, agricultural/manufactured projects, geography, economic standard of living, traditions, and festivals of a country's population will be introduced. Students will compare the relationship between food habits and culture. Students will tour the world, making frequently-prepared cultural foods. Foods from the following regions will be sampled: Central America (Mexico); South America, Europe (France, Italy, Germany, Scandinavia), the Middle East, Africa, and Asia. The culminating project will demonstrate the student's recognition that culinary patterns in the United States are a blending of many cultures.

FC204C BAKING AND PASTRY ARTS (COLLEGE PREP) 10-11-12 .5 Credit

This course allows culinary students a more in-depth study of baking and pastry arts. Areas of study include baking terminology, tool and equipment use, formula conversions, functions of ingredients, and methods used in creating breads, pastries, cookies, and other desserts. The fundamentals of dough and basic decorating skills are covered. The appropriate use of technology and industry-standard equipment is an integral part of this course.

PREREQUISITE: Food and Nutrition or Culinary Arts Training I

FC471H

ADVANCED HEALTHCARE & BIOSCIENCES (HONORS) 11-12

1 Credit

This course prepares students for entry into Health and Medical Science related college majors and supports students during the Nursing Assistant Internship by broadening understanding of medical career pathways and health care systems while also developing a foundation in Allied Health. The following concepts will be introduced and then further explored: health careers, infection control, common chronic and acute conditions, understanding the healthcare setting, communication and cultural diversity, patient rights, patient safety, legal and ethical issues in healthcare, medical record documentation, health insurance, health care across the lifespan, medical terminology, patient-care skills, rehabilitation, skills, cognitive changes in the elderly, behavioral health, confusion and dementia, care for the pediatric client, & compassionate care for the end of life. This course fulfills the Health requirement. **This course is taken concurrently with Nursing Assistant Internship Honors & Human Anatomy & Physiology Honors.**

HEALTH EDUCATION

SEMESTER COURSE

HE104C HEALTH EDUCATION (COLLEGE PREP) 9-10-11-12 .5 Credit

During this one-semester, students will: comprehend concepts related to health promotion and disease prevention; demonstrate the ability to access valid health information and health-promoting products and services; demonstrate the ability to practice health-enhancing behaviors and reduce health-related risks; analyze the influence of culture, media, technology and other factors on health; demonstrate the ability to use interpersonal communication skills to enhance health; and demonstrate the ability to advocate for personal, family, and community health. Specific topics include: nutrition, mental health, suicide prevention, communicable diseases, (HIV/AIDS is a mandated piece of this section), ATOD (alcohol, tobacco and other drugs as mandated by state and federal law), and family life. Students are strongly encouraged to discuss the course content and communicate with their families for the duration of this course.

Nursing Assistant courses fulfill the Health requirement. See Health and Bioscience Academy course listings for details.

MATHEMATICS

Full Year Courses:	
MA911A	A.P. Calculus AB
MA921A	A.P. Calculus BC
MA931A	A.P. Statistics
MA101C	Algebra I
MA191C	Algebra I Grade 9
MA191H	Algebra I Grade 9 (Honors)
MA311C	Algebra II
MA311H	Algebra II (Honors)
MA391H	Algebra II (Honors) Grade 9
MA211C	Geometry
MA211H	Geometry (Honors)
MA111C	Math Lab
MA321C	Pre-Calculus
MA321H	Pre-Calculus (Honors)
MA421C	Statistics and Data Gathering

All English and math classes at Danbury High School, regardless of level or grade, require summer work. All assignments are posted online on the DHS website as a Quick Link. Assignments will be collected on the first day of school and will be graded.

DANBURY HIGH SCHOOL GRADES 9-12 MATHEMATICS PROGRAM				
LEVEL	GRADE			
	9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
ADVANCED PLACEMENT		A.P. STATISTICS	A.P. CALCULUS AB A.P. CALCULUS BC A.P. STATISTICS	A.P. CALCULUS AB A.P. CALCULUS BC A.P. STATISTICS
HONORS	ALGEBRA I ALGEBRA II	ALGEBRA II GEOMETRY PRE-CALCULUS	ALGEBRA II PRE-CALCULUS GEOMETRY	ALGEBRA II PRE-CALCULUS GEOMETRY
COLLEGE PREP	ALGEBRA I MATH LAB	ALGEBRA I ALGEBRA II GEOMETRY STATS AND DATA PRE CALCULUS	ALGEBRA I ALGEBRA II GEOMETRY STATS AND DATA PRE CALCULUS	ALGEBRA II GEOMETRY PRE-CALCULUS STATS AND DATA

MA111C MATH LAB (COLLEGE PREP) 9 1 Credit

This is a course that is mandatory for 9th grade students who have been identified as in need of math intervention based upon middle school performance (7th or 8th grade SBAC, STAR and/or teacher recommendation). This elective course will provide foundational support to ensure that students have the skills required to be successful in subsequent math courses.

MA191C ALGEBRA I (COLLEGE PREP) 9 1 Credit

This Algebra I course emphasizes the study of functions with tables, graphs, verbal rules and symbolic rules. Students will explore topics in solving linear equations and inequalities, Systems of Linear Functions Exponential Functions, Quadratic Functions, and topics in statistics. Practical application through the incorporation of word problems is required in this course.

MA191H ALGEBRA I (HONORS) 9 1 Credit

This Honors Algebra I course emphasizes the same study of functions from College Prep with in-depth exploration of how these functions relate to subsequent math courses with an increase in pace and rigor. Students will explore topics in solving linear equations and inequalities, Systems of Linear Functions and Exponential Functions, Quadratic Functions, and topics in statistics. Practical application through the incorporation of word problems is required in this course.

MA101C ALGEBRA I (COLLEGE PREP) 10-11 1 Credit

This Algebra I course emphasizes the study of functions with tables, graphs, verbal rules and symbolic rules. Students will explore topics in solving linear equations and inequalities, Systems of Linear Functions, Exponential Functions, Quadratic Functions, and topics in statistics. Practical application through the incorporation of word problems is required in this course.

MA391H ALGEBRA II (HONORS) 9 1 Credit

This course is designed to build on algebraic and geometric concepts and provides further development of the concept of a function. It develops advanced algebra skills such as systems of equations, imaginary and complex numbers, and a variety of functions including inverse, quadratic, trigonometric, and introduces inferential statistics, and matrices. The content of this course is important for students' success on the ACT, the SAT and college math entrance exams. Graphing calculators are implemented in each unit to combine technology into the lessons and it is highly recommended that each student have one. This course is at a faster pace than that of the College Prep and covers additional units and extensions within each unit of study.

PREREQUISITE: Algebra I or concurrent enrollment in Geometry

MA311C ALGEBRA II (COLLEGE PREP) 10-11-12 1 Credit

This course is designed to build on algebraic and geometric concepts and provides further development of the concept of a function. It develops advanced algebra skills such as systems of equations, imaginary and complex numbers, and a variety of functions including inverse, quadratic, polynomials, rational and power, exponential and logarithmic. The content of this course is important for students' success on the ACT, the SAT and college

mathematics entrance exams. A graphing calculator is recommended. PREREQUISITE: Algebra I or concurrent enrollment in Geometry

MA311H ALGEBRA II (HONORS) 10-11-12 1 Credit

This course is designed to build on algebraic and geometric concepts and provides further development of the concept of a function. It develops advanced algebra skills such as systems of equations, imaginary and complex numbers, and a variety of functions including inverse, quadratic, trigonometric, and introduces inferential statistics, and matrices. The content of this course is important for students' success on the ACT, the SAT and college math entrance exams. Graphing calculators are implemented in each unit to combine technology into the lessons and it is highly recommended that each student have one. This course is at a faster pace than the college prep and covers additional units and extensions within each unit of study.

PREREQUISITE: Algebra I or concurrent enrollment in Geometry

MA211C GEOMETRY (COLLEGE PREP) 10-11-12 1 Credit

This Geometry course emphasizes the study of congruence and similarity among classes of two and three dimensional geometric objects. Students will explore topics in Quadrilaterals, Triangles, Surface Area and Volume, Circles, Trigonometry, transformations, and topics on Probability. Practical application through the incorporation of word problems is required in this course.

PREREQUISITE: Algebra I or concurrent enrollment in Algebra II or Precalculus

MA211H GEOMETRY (HONORS) 10-11-12 1 Credit

This course includes extensions on the College Prep course of study. Students will explore topics in Quadrilaterals, Triangles, Surface Area and Volume, Circles, Trigonometry, transformations, and topics on Probability. Students will also include study on proofs, solids of revolution, and logic. Practical application through the incorporation of word problems is required in this course.

PREREQUISITE: Successful completion of Algebra I or concurrent enrollment in Algebra II or Precalculus

MA421C STATISTICS AND DATA GATHERING (COLLEGE PREP) 10-11-12 1 Credit

This course is an introduction to the field of statistics. The content of the course is designed for students with a wide variety of vocational and educational interests. Topics will include: data gathering, frequency distributions, summarizing data, understanding scores, probability, sampling, and simulations.

PREREQUISITE: Algebra II or concurrent enrollment in Geometry

MA321C PRE-CALCULUS (COLLEGE PREP) 10-11-12 1 Credit

Pre-calculus is an advanced form of algebra. The course is intended to prepare students for the study of calculus. The units of study include graphs, polynomial and rational functions, exponential and logarithmic functions, triangular and analytic trigonometry, circular functions, and sequences and series. Assessment will be based on tests, quizzes, homework, and class work. There will be extensive use of the graphing calculator. It is highly recommended that students have their own graphing calculator.

PREREQUISITE: Algebra II or concurrent enrollment in Geometry

MA321H PRE-CALCULUS (HONORS) 10-11-12 1 Credit

Honors Pre-calculus is an accelerated form of Pre-Calculus. The course is intended to rigorously prepare students for the study of AP calculus. The units of study include graphs, polynomial and rational functions, exponential and logarithmic functions, triangular and analytic trigonometry, circular functions, and sequences and series. Honors Pre-calculus includes additional topics not covered in College Prep. Assessment will be based on tests, quizzes, homework, and classwork. There will be extensive use of the graphing calculator. It is highly recommended students have their own graphing calculator.

PREREQUISITE: Algebra II or concurrent enrollment in Geometry

MA911A CALCULUS AB (A.P.) 11-12 1 Credit

A.P. Calculus AB is designed to teach students how to work with functions represented in a variety of ways: graphical, numerical, analytical, or verbal. They should understand the connections among these representations; understand the meaning of the derivative in terms of a rate of change and local linear approximation and they should be able to use derivatives to solve a variety of problems; understand the meaning of the definite integral both as a limit of Riemann sums and as the net accumulation of change and should be able to use integrals to solve a variety of problems; understand the relationship between the derivative and the definite integral as expressed in both parts of the Fundamental Theorem of Calculus; communicate mathematics both orally and in well-written sentences and should be able to explain solutions to problems; model a written description of a physical situation with a function, a differential equation, or an integral; use technology to help solve problems, experiment, interpret results, and verify conclusions; determine the reasonableness of solutions, including sign, size, relative accuracy, and units of measurement; and develop an appreciation of calculus as a coherent body of knowledge and as a human accomplishment. Students are required to take the A.P. test. This course is comparable to college-level Calculus I. Additionally, students seeking college credit from Western Connecticut State University must register with the University and pay a registration fee, which is payable directly to the University.

PREREQUISITE: Pre-Calculus

MA921A CALCULUS BC (A.P.) 11-12 1 Credit

A.P. Calculus BC is an extension of A.P. Calculus AB rather than an enhancement; common topics require a similar depth of understanding. Both courses are intended to be challenging and demanding. The content of Calculus BC is designed to qualify the student for placement and credit in a course that is one course beyond that granted for Calculus AB. Students are required to take the A.P. test. This course is comparable to college-level Calculus I & II. Additionally, students seeking college credit from Western Connecticut State University must register with the University and pay a registration fee, which is payable directly to the University. Students are required to take the A.P. test.

PREREQUISITE: Pre-Calculus

MA931A STATISTICS (A.P.) 10-11-12 1 Credit

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring data by describing patterns and departures from patterns; sampling and experimentation by planning and conducting a

study; anticipating patterns by exploring random phenomena using probability and simulation; and statistical inference by estimating population parameters and testing hypotheses. Students are required to take the A.P. test. Additionally, students seeking college credit from Western Connecticut State University must register with the University and pay a registration fee, which is payable directly to the University. A graphing calculator is recommended.

PREREQUISITE: Algebra II or concurrent enrollment in Geometry

MUSIC

Full Year Courses:		Half Year Courses:	
MU101C	Concert Choir	MU164C	Guitar
MU121H	Concert Band (Honors)	MU184C	Piano
MU131H	Freshman Orchestra (Honors)		
MU211H	Madrigal Singers (Honors)		
MU911A	Music Theory (A.P.)		
MU161H	Percussion Ensemble (Honors)		
MU111C	Pop Choir		
MU251H	Symphonic Band (Honors)		
MU221H	Symphony Orchestra (Honors)		

Danbury High School of Music

Recommended Course Sequence

Music For Everyone	Band	Choir	Piano	Orchestra
Guitar	Band (Concert Band), Symphonic Band, Percussion Ensemble)	Pop Choir, Concert Choir, &/or Madrigals	Piano	Orchestra
Concert Choir, Pop Choir	Piano	Piano	Instrumental Ensemble (Band, Orchestra, or Guitar)	Piano
Piano	Choir (Pop Choir, Concert Choir, Madrigals)	Instrumental Ensemble (Band, Orchestra, or Guitar)	Choir (Pop Choir, Concert Choir, Madrigals)	Choir (Pop Choir, Concert Choir, or Madrigals)
	AP Music Theory	AP Music Theory	AP Music Theory	AP Music Theory
<i>Senior recital not required</i>	<i>Students will perform in a student/faculty recital at the conclusion of their Senior year.</i>			

MU101C CONCERT CHOIR (COLLEGE PREP) 9-10-11-12 1 Credit

This course is open to all students who would like to sing. It is designed to further develop proper vocal technique. High quality choral works will be emphasized. Students will perform various musical styles: classical, contemporary, jazz, folk, ethnic, etc. Attendance at public performances is required.

MU111C POP CHOIR (COLLEGE PREP) 9-10-11-12 1 Credit

Pop Choir offers an opportunity to sing popular repertoire with a live band. It is open to all students and is designed to further develop proper vocal technique. Attendance at public performances is required.

MU211H MADRIGAL SINGERS (HONORS) 10-11-12 1 Credit

This is a highly selective vocal ensemble. *A capella* singing is stressed with emphasis on the polyphonic music of the Renaissance. An intense concert season is part of the program.

PREREQUISITE: Audition

MU161H PERCUSSION ENSEMBLE (HONORS) 9-10-11-12 1 Credit

This full-year course is open to students in all grades who wish to study percussion instruments. This course will study both drumming techniques and mallet percussion techniques. Students will study a variety of repertoire encompassing many styles. Over the course of the academic year students will have occasion to perform with the pep band at football games, support the concert bands, and perform as a separate ensemble. Both large and small percussion ensemble repertoire will be studied. During the spring this ensemble will participate in three parades. Participation in fall marching band is not required, but strongly encouraged for all percussionists. Prior percussion experience is recommended but not required. Attendance at all performances is required.

MU121H CONCERT BAND (HONORS) 9-10-11-12 1 Credit

This full-year course is intended for woodwind and brass players in grades 9 and 10, but is open to woodwind and brass players in any grade. Students will develop their instrumental skills while studying wind ensemble repertoire. Students will have occasion to perform with the pep band at football games, large ensemble works, and small ensemble chamber works over the course of the school year. During the spring this ensemble will participate in three parades. Participation in fall marching band is not required, however is strongly encouraged for all woodwind and brass students. Attendance at all performances is required.

NOTE: Students taking a science class with a lab one day per week may still register for Concert Band and play with the ensemble four days per week.

MU251H SYMPHONIC BAND (HONORS) 10-11-12 1 Credit

This full-year course is intended for students in grades 10, 11, and 12. Students will continue to develop their instrumental skills while studying advanced wind ensemble repertoire. Students will have occasion to perform with the pep band at football games, large ensemble works, small ensemble chamber works, and joint ventures with other DHS musical ensembles over the course of the school year. During the spring this ensemble will participate in three parades. Participation in fall marching band is not required, but strongly encouraged for all students. Attendance at all performances is required.

NOTE: Students taking a science class with a lab one day per week may still register for Symphonic Band and play with the ensemble four days per week.

MU131H FRESHMAN ORCHESTRA (HONORS) 9 1 Credit

This course is designed for students who play a stringed instrument. Focus will be on developing skills in shifting, vibrato, bowing, and other fundamental techniques. Attendance at all public performances is required.

MU221H SYMPHONY ORCHESTRA (HONORS) 10-11-12 1 Credit

This course is for the advanced string player. Focus will be on repertoire and advanced techniques. Attendance at all public performances is mandatory.

MU911A MUSIC THEORY (A.P.) 11-12 1 Credit

This is an advanced course exploring music theory from the fundamentals of sound production to the analysis of complex musical forms as they occur in Western Music literature. An emphasis will be placed on rhythmic, melodic and harmonic analysis in both written and aural presentations. Summer work is required for this class. Participation in the Advanced Placement test is required.

MU184C PIANO (COLLEGE PREP) 9-10-11-12 .5 Credit

Piano is designed to teach the concepts and fundamentals needed to perform on the piano. It will increase musical understanding beyond just reading notes by teaching students a vocabulary of chords and keys. Students will have the opportunity to participate and play as an ensemble. Students will develop good practice habits. Students may take this class multiple times for credit.

MU164C GUITAR (COLLEGE PREP) 9-10-11-12 .5 Credit

This half-year course will take students from basic chords to barre chords and finger picking. Students will learn guitar performance skills reading charts, TABS and grand staff as well as songwriting. Performances will be in class. Students may take this class multiple times for credit.

PHYSICAL EDUCATION

PE104C PHYSICAL EDUCATION

PE104C PHYSICAL EDUCATION

9-10-11-12

.5 Credit

Students enrolled in Physical Education (P.E.) will begin their physical education experience by participating in a Fitness Unit. During the Fitness Unit, students will have the opportunity to connect and develop a rapport with their assigned P.E. teachers along with preparing for the state-mandated Physical Fitness test. After completion of the Fitness Unit, students will select activities from the units offered allowing for participation in eight different activities throughout the semester. Students have the opportunity to participate in activities at a level of play that is both beneficial and rewarding to their overall health and fitness level. Students taking P.E. are required to participate fully and cooperatively in all activities. They will be expected to take pre- and post-assessments, complete problem-solving activity scenarios, participate in self- assessments and reflections, participate in tournaments, and /or develop a fitness plan. By participating in the Fitness test, students will have the opportunity to make the “All Four Club” by passing all four components of the Fitness test. In doing so, they will receive certificates of achievement and have their names displayed to celebrate their success in reaching this goal.

SCIENCE

Full Year Courses:		Half Year Courses:	
SC901A	A.P. Biology	SC224C	Astronomy
SC911A	A.P. Chemistry	SC334C	Meteorology
SC931A	A.P. Environmental Science	SC344C	Science & the Environment
SC951A	A.P. Physics I	SC354C	Sports Medicine
SC961A	A.P. Physics II	SC324H	The Human Body in Health & Disease (Honors)
FC471H	Advanced Healthcare & Biosciences (Honors) (See Family & Consumer Sciences)		
SC211C	Aquatic Sciences		
SC111C	Biology		
SC191C	Biology 9		
SC191H	Biology 9 (Honors)		
SC201C	Chemistry		
SC201H	Chemistry (Honors)		
SC421H	Human Anatomy and Physiology (Honors) (See Academy of Health & Science)		
FC461H	Nursing Assistant Internship(Honors) (See Family & Consumer Sciences)		
SC301C	Physics		
SC301H	Physics (Honors)		

**DANBURY HIGH SCHOOL
GRADES 9-12 SCIENCE PROGRAM**

9TH GRADE	10TH GRADE	11TH – 12TH GRADE (FULL YEAR COURSE)	10TH – 12TH GRADE (HALF YEAR COURSE)
BIOLOGY 9	BIOLOGY	A.P. BIOLOGY	ASTRONOMY
HONORS BIOLOGY 9	CHEMISTRY	A.P. CHEMISTRY	AQUATIC SCIENCE
	HONORS CHEMISTRY	A.P. ENVIRONMENTAL SCIENCE	HUMAN BODY HEALTH AND DISEASE (11 AND 12 ONLY)
		A.P. PHYSICS I	METEOROLOGY
		A.P. PHYSICS II	SCIENCE AND THE ENVIRONMENT
		AQUATIC SCIENCE	SPORTS MEDICINE
		HUMAN ANATOMY & PHYSIOLOGY (ACADEMY OF HEALTH & BIOSCIENCE)	
		HONORS PHYSICS	
		PHYSICS	

SC191C BIOLOGY 9 (COLLEGE PREP)**9****1 Credit**

In this course, students will learn broad biological concepts with an emphasis on scientific literacy. Scientific literacy includes observation, problem solving, collecting data and making inferences. Students will study topics on cell chemistry, biotechnology, genetics, evolution and biodiversity. Inquiry-based learning and required hands-on lab activities are integrated into the student's coursework. Labs are embedded in the curriculum.

SC191H BIOLOGY 9 (HONORS)**9****1 Credit**

This course is recommended for 9th graders with strong ability and/or interest in the sciences. The course will take a comprehensive look into biological concepts with an emphasis on scientific literacy. Scientific literacy includes observation, problem solving, collecting data, and making inferences. Students will study in-depth topics on cell chemistry and biotechnology, genetics, evolution, and biodiversity. Inquiry-based learning and required hands-on lab activities will be integrated into the student's coursework. Labs are embedded into the curriculum.

SC111C BIOLOGY (COLLEGE PREP)**10****1.2 Credits**

In this course, students will learn broad biological concepts with an emphasis on scientific literacy. Scientific literacy includes observation, problem solving, collecting data, and making inferences. Students will study topics on cell chemistry, biotechnology, genetics, evolution, and biodiversity. Inquiry-based learning and required hands-on lab activities are integrated into the student's coursework. This class has a lab that meets once per week.

SC901A BIOLOGY (A.P.)**11-12****1.4 Credits**

(WCSU – BIOLOGY 103 PRINCIPLES OF BIOLOGY I)
(WCSU – BIOLOGY 104 PRINCIPLES OF BIOLOGY II)

This course is designed to be the equivalent of a college introductory biology course, usually taken by biology majors during their first year. Some AP students, as college freshmen, may be permitted to enroll in upper-level biology courses or to register for courses that list biology as a prerequisite. Students seeking college credit from Western Connecticut State University must register with the University and pay a registration fee for each semester course, which is payable directly to the University. Inquiry-based learning and required hands-on lab activities are integrated into the student's coursework. Lab meets twice per week. Students are required to take the A.P. test.

PREREQUISITE: Biology and Chemistry

SC931A ENVIRONMENTAL SCIENCE (A.P.)**11-12****1.4 Credits**

The goal of the A.P. Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Topics that will be studied will include: (1) Interdependence of Earth's Systems; (2) Human Population Dynamics; (3) Renewable

and Nonrenewable Resources; (4) Environmental Quality; (5) Global Changes and Their Consequences; (6) Environment and Society. Assessment will be both traditional and performance-based. In addition to the usual classroom labs, exams, and essays on environmental issues, students will be performing some outdoor labs on local environmental issues, and completing long-term environmental projects. Students seeking college credit from Western Connecticut State University must register with the University and pay a registration fee, which is payable directly to the University. Lab meets twice per week. Students are required to take the A.P. test.
PREREQUISITE: Biology and Chemistry

SC324H THE HUMAN BODY IN HEALTH & DISEASE (HONORS) 11-12 .5 Credit

Learn how major body systems work and what problems they might have, as well as the high tech and common sense methods of disease prevention and treatment. Students will learn how health issues affect many other aspects of life and work; analyze their familial history to determine which disease(s) they are more predisposed to acquiring; gain an understanding of how their decisions today impact their future health; perform independent research, small group research, and participate in cooperative teaching. Topics of study include: family pedigrees, health issues, mechanisms of disease, homeostasis, major body systems, and nutrition and metabolism.

PREREQUISITE: Biology

SC421H HUMAN ANATOMY & PHYSIOLOGY (HONORS) 11-12 1 Credit

Students will study the structure of the human body, how the human body functions, and changes that occur in the body over the lifespan and as a result of disease and illness. This course is classroom and lab based. The course will explore traditional medical diagnostics and treatments as well as challenges posed by new technologies and alternative medicine. The course will prepare the student with knowledge of normal form and function of human organ systems, with anatomical and physiological laboratory techniques, which may be applied outside the course; and with a working vocabulary of anatomical and physiological terms, which will allow further independent learning and application. **This course is part of a three-part, three-period block of courses which must be taken concurrently. Taken with FC461H Nursing Assistant Internship Honors and FC471H Advanced Healthcare & BioSciences Honors.**

PREREQUISITES: Intro to Healthcare & Biosciences, Biology, and Chemistry or concurrent enrollment.

SC354C SPORTS MEDICINE (COLLEGE PREP) 11-12 .5 Credit

This course is designed to provide students with an understanding of basic structural and functional human anatomy and physiology. Instruction will focus on recognizing athletic injuries and identifying potential treatments. This course will be helpful for students interested in possible career choices in the area of allied health professions, including Athletic Training.

PREREQUISITE: Biology

SC211C AQUATIC SCIENCES (COLLEGE PREP) 10-11-12 1 Credit

Students will explore life forms from microscopic to whale-sized that live in the aquatic ecosystems of the world. Designed for students who want additional studies in the life sciences, this course will investigate the physical aspects of the water bodies around the world, plant and animal physiology, ocean ecology, and

maritime industries such as fishing, whaling, and seafood production. Hands-on experience and career options will be presented and emphasized.

PREREQUISITE: Biology or concurrent enrollment

SC224C ASTRONOMY (COLLEGE PREP) 10-11-12 .5 Credit

This course is designed to provide students an opportunity to discover their place in our rapidly expanding universe by investigating the principles and concepts of astronomy. Students will begin their astronomical journey by studying the cosmos from the perspective astronomers on Earth. Students will examine the theories and tools of astronomers, observe objects in the night-sky and research our recent accomplishments in space. The focus of the course will shift outward from our own solar system, to stars, galaxies and the deepest regions of space. Students will also explore the possibility of extraterrestrial life and what the future holds for space travel and exploration. A mathematics background is not required.

SC334C METEOROLOGY (COLLEGE PREP) 10-11-12 .5 Credit

Meteorology surveys the principles and concepts related to understanding weather and climate. Students gain conceptual knowledge through the formal study of the elements of weather and the cause and effect relationships of climate. Local weather conditions will be emphasized to promote understanding and awareness of basic principles. Course topics include: weather forecasting, meteorological instruments, and atmosphere-geographic interactions. Science study skills are emphasized throughout the course and research papers on topics of interest are required.

SC344C SCIENCE & THE ENVIRONMENT (COLLEGE PREP) 10-11-12 .5 Credit

Science and the Environment is designed to increase the students' awareness of their surroundings. Emphasis is placed on the important interrelationships among living things and the physical environment. Course topics include: investigations in ecology, populations of living things, water and air pollution, and energy relationships.

SC201C CHEMISTRY (COLLEGE PREP) 10-11-12 1.2 Credits

This course provides an overview of chemical concepts with an emphasis on scientific literacy. Scientific literacy includes: observation, problem solving, collecting data, and making inferences. Reading and research is required, as well as careful analysis in writing and class discussion of complex interactions of science and society. Inquiry-based learning and required hands-on lab activities are integrated into the student coursework. This class has a lab that meets once per week.

PREREQUISITE: Algebra I or concurrent enrollment

SC201H CHEMISTRY (HONORS) 10-11-12 1.2 Credits

This course provides an in-depth study of the principles and concepts of chemistry with emphasis on the application of mathematics and is recommended for students who have strong ability and/or interest in the sciences. Emphasis is placed on scientific literacy, which includes observation, problem solving, collecting data, and making inferences. Reading and research is required, as well as careful analysis in writing and class discussion of complex interactions of science and society. Inquiry-based learning and required hands-on lab

activities are integrated into the student coursework. This course is appropriate for students interested in science or engineering-related college majors. This class has a lab that meets once per week.

PREREQUISITE: Algebra I or concurrent enrollment

SC911A CHEMISTRY (A.P.) **11-12** **1.5 Credits**
(WCSU – CHEM 127Q and 128Q GENERAL CHEMISTRY)

This course is designed to be the equivalent of the general chemistry course usually taken by chemistry majors during their first year. Some A.P. students, as college freshmen, may be permitted to enroll in upper-level chemistry courses or to register for courses that list chemistry as a prerequisite. Students are required to take the A.P. test. Additionally, students seeking college credit from Western Connecticut State University must register with the University and pay a registration fee, which is payable directly to the University. Inquiry-based learning and required hands-on lab activities are integrated into the student's course work. Lab meets three times per week.

PREREQUISITE: Chemistry

SC301C PHYSICS (COLLEGE PREP) **11-12** **1.2 Credits**

This course will introduce students to central concepts of physics including: motion, force, momentum, energy, waves, electricity, magnetism, and modern discoveries and applications of physics. The emphasis will be on relating to the things that are familiar in the everyday environment, and supportive mathematical concepts. Students will learn scientific reasoning and its application to everyday life. Inquiry and hands-on lab activities are integrated into coursework. Lab meets once per week.

PREREQUISITE: Algebra I

SC301H PHYSICS (HONORS) **11-12** **1.2 Credits**

This is an introductory physics course covering motion, force, momentum, energy, waves, electricity, magnetism, and modern discoveries and applications of physics. The course explains these concepts through the use of math, problem solving, discussion, and computer-assisted programs. Inquiry and hands-on lab activities are integrated into coursework. Lab meets once per week.

PREREQUISITE: Algebra II or concurrent enrollment

SC951A A.P. PHYSICS I **11-12** **1.4 Credits**

This course covers a variety of physics topics including motion, force, projectiles, Newton's Laws, gravity, rotational dynamics, angular momentum, work, energy, power, mechanical waves, sound, and an introduction to electric circuits. AP Physics I can be taken as a first-year physics course. The course allows time for hands-on inquiry activities and laboratories that focus on core science practices. The focus of the course is to develop physics knowledge through application of scientific inquiry and reasoning. This course is algebra-based (no calculus). Lab meets twice per week. Students are required to take the A.P. test.

PREREQUISITE: Algebra II or concurrent enrollment

SC961A A.P. PHYSICS II**11-12****1.4 Credits**

This course explores topics such as fluid statics and dynamics, thermodynamics with kinetic theory, pressure-volume diagrams and probability, electrostatics, electrical circuits with capacitors, magnetic fields, electromagnetism, physical and geometric optics, and quantum, atomic, and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. The ability to develop and use physics knowledge by applying it to the practice of scientific inquiry and reasoning is at the heart of the course. This course is algebra-based (no calculus). Lab meets twice per week. Students are required to take the A.P. test.

PREREQUISITES: Algebra II AND EITHER Honors Physics OR A.P. Physics

SOCIAL STUDIES

Full Year Courses:		Half Year Courses:	
SS905A	A.P. Art History	SS304C	Asian Studies (Focus on China)
SS901A	A.P. European History	SS314C	Civics
SS961A	A.P. Government & Politics	SS314H	Civics (Honors)
SS911A	A.P. Human Geography	SS224C	Contemporary Issues
SS921A	A.P. Macro Economics	SS334C	Introductory Psychology
SS931A	A.P. Psychology	SS244C	Military History
SS941A	A.P. United States History	SS254C	Multicultural Issues
SS951A	A.P. World History	SS354H	Philosophy (Honors)
SS201C	Modern World Studies	SS364C	Sociology
SS201H	Modern World Studies (Honors)		
SS311C	United States History		
SS311H	United States History (Honors)		
SS191C	World Studies		
SS101C	World Studies		
SS191H	World Studies (Honors)		

**DANBURY HIGH SCHOOL
GRADES 9-12 SOCIAL STUDIES PROGRAM**

9 TH GRADE	10 TH GRADE	11 TH GRADE	GRADES 9, 10, 11, OR 12
REQUIRED	REQUIRED	REQUIRED	ELECTIVES
WORLD STUDIES	MODERN WORLD STUDIES OR A.P. WORLD HISTORY	U.S. HISTORY OR A.P. U.S. HISTORY (OR 12th GRADE)	A.P. MACRO ECONOMICS 11-12
	CIVICS (or A.P. GOV'T & POLITICS 10- 11-12)		A.P. EUROPEAN HISTORY 10-11-12
			A.P. GOV'T & POLITICS 10-11-12
			A.P. HUMAN GEOGRAPHY 10-11-12
			A.P. PSYCHOLOGY 11-12
			A.P. ART HISTORY 9-10-11-12
			ASIAN STUDIES 10-11-12
			CONTEMPORARY ISSUES 10-11-12
			INTRODUCTORY PSYCHOLOGY 11-12
			MILITARY HISTORY 10-11-12
			MULTI-CULTURAL ISSUES 10-11-12
			PHILOSOPHY 10-11-12
			SOCIOLOGY 11-12

SS941A U.S. HISTORY (A.P.) 11-12 1 Credit

The A.P. program in United States History is designed to provide students with the analytical skills and enduring understandings necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students will learn to assess historical materials, their relevance to a given interpretive problem, their reliability, and their importance, and to weigh the evidence and interpretations presented in historical scholarship. Students are required to take the A.P. test. NOTE: This course meets the U.S. History requirement.

SS921A MACRO ECONOMICS (A.P.) 11-12 1 Credit

This course is designed to support the development of student understanding of the principles of economics that apply to a nation's economic system as a whole. Students in this course will investigate key economic concepts such as Gross Domestic Product, the banking system and creation of money, inflation, unemployment, international trade, the international value of the dollar, the Federal Reserve, and basic supply and demand. Students will also learn how to generate, interpret, label, and analyze graphs, charts, and data to describe and explain economic concepts. Students are required to take the A.P. test.

SS311C UNITED STATES HISTORY (COLLEGE PREP) 11 1 Credit

This course covers major events and turning points starting with the Stock Market Crash of 1929 and The Great Depression. The curriculum spirals up to and includes present-day issues and challenges facing America today. Students will work with complex research and historical writing skills through a variety of critical thinking activities and projects.

SS311H UNITED STATES HISTORY (HONORS) 11 1 Credit

Students in this course will be challenged with a more detailed account of history through extensive and more complex text, primary and secondary source documentation, and literature. In addition to the core curriculum, students must complete additional assignments focused on critical analysis and evaluation of time periods and events in both historical and contemporary context. The pacing of this course is rigorous and students must prepare for classes independently.

SS254C MULTI-CULTURAL ISSUES (COLLEGE PREP) 10-11-12 .5 Credit

This course centers on the myriad of contemporary issues that impact our diversified society. The course is structured for students to communicate thoughtfully and articulately via small/large group discussions, interviews, surveys, reflection, introspection, and essay. This class will explore the relationships between the many ethnic, racial, and religious groups that make up the Danbury community. It will focus on developing solutions to the problems which accompany a multi-cultural society. Students will examine attitudes toward diversity and develop better cross-cultural communication skills.

SS314C CIVICS (COLLEGE PREP) 10-11-12 .5 Credit

This course deals with the concept of government, the basic elements of the U.S. Constitution, the essential characteristics of limited and unlimited government, and the evolution and many roles of the legislative, executive, and judicial branches of government. Students will examine the civic responsibilities that are important to preserving and improving our American constitutional democracy.

SS314H CIVICS (HONORS) 10-11-12 .5 Credit

Students in this course will be challenged with a more detailed account of the Civics curriculum through extensive and more complex text, primary and secondary source documentation, and literature. In addition to the core curriculum, students must complete additional assignments focused on critical analysis and evaluation of time periods and events in both historical and contemporary context. The pacing of this course is rigorous and demands students prepare for classes independently.

SS191C WORLD STUDIES (COLLEGE PREP) 9 1 Credit

World Studies is designed to introduce students to major belief systems, the eras of the Middle Ages, Renaissance, Reformation, and the Enlightenment. Organized in a chronological fashion, the course of study enables students to understand world, political, economic, religious, and social ideas, as well as values and attitudes to provide a full appreciation of their cultural heritage and diversity. Academic skills such as critical thinking, writing, and primary and secondary source analysis are developed.

SS101C WORLD STUDIES (COLLEGE PREP) 10-11-12 1 Credit

World Studies is designed to introduce students to major belief systems, the eras of the Middle Ages, Renaissance, Reformation, and the Enlightenment. Organized in a chronological fashion, the course of study enables students to understand world, political, economic, religious, and social ideas, as well as values and attitudes to provide a full appreciation of their cultural heritage and diversity. Academic skills such as critical thinking, writing, and primary and secondary source analysis are developed.

SS191H WORLD STUDIES (HONORS) 9 1 Credit

Students in this course will be challenged with a more detailed account of history through extensive and more complex text, primary and secondary source documentation, and literature. In addition to the core curriculum, students must complete additional assignments focused on critical analysis and evaluation of time periods and events in both historical and contemporary context. The pacing of this course is rigorous and students must prepare for classes independently.

SS201C MODERN WORLD STUDIES (COLLEGE PREP) 10-11-12 1 Credit

In this course, students will study significant events of global 20th- and 21st-century history. A regional evaluation of events of the past will help students to understand the conflicts and crises of today's global civilization. Themes of power, nationalism, war, peace and global interdependence provide a powerful lens to view the world we live in. During the course of the year, students will improve analytical and research skills,

reading comprehension, note taking and writing proficiency. Current events will be reviewed weekly and students will complete a significant research project.

SS201H MODERN WORLD STUDIES (HONORS) 10 1 Credit

In this course, students will study significant events of global 20th- and 21st-century history. A regional evaluation of events of the past will help students to understand the conflicts and crises of today's global civilization. Themes of power, nationalism, war, peace and global interdependence provide a powerful lens to view the world we live in. Current events will be reviewed weekly and students will complete a significant research project. Students pursuing the Honors track will be challenged with a more detailed account of history through extensive and more complex text, primary and secondary source documentation, and literature. The pacing of this course is rigorous and students must prepare for classes independently, with little support in core skill areas. Students will participate in a yearlong portfolio project that will focus on current events and geographic studies of world regions. Research projects related to contemporary issues, culture, as well as significant individuals and events, will compliment each unit.

SS901A EUROPEAN HISTORY (A.P.) 10-11-12 1 Credit

The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the course are to develop: an understanding of some of the principal themes in modern European History, an ability to analyze historical evidence and historical interpretation, and an ability to express historical understanding in writing. Students are required to take the A.P. test.

SS354H PHILOSOPHY (HONORS) 10-11-12 .5 Credit

This course of study will introduce students to the love of wisdom. The class will grapple with timeless ideas and new ways of perceiving and thinking. A search for the truth and meaning of human existence will be conducted through class discussion and debate. Inquiries and propositions will be made into an examination of "the good life" as students hone their reasoning, questioning, and problem solving strategies. The masters of classical and contemporary philosophy will be investigated along with the meaning and role of ethics, logic, epistemology, aesthetics, and metaphysics in society.

SS905A ART HISTORY (A. P.) 9-10-11-12 1 Credit

Students will evaluate the connection between historical context and artistic expression. Artists create as a reaction to events, social climate, and political movements. As we gain a greater understanding of this relationship, we will also gain a greater understanding of our own past, present, and future. Students will attain a better insight into the cultural connections that define our world. A.P. Art History is designed as an equivalent

to an introductory college level survey course. This course encourages students to utilize evaluative skills and formulate hypotheses. Primary sources as well as historical documents are investigated, thereby promoting the development of strong analytical skills. Writing skills are necessarily sharpened as an integral part of the curriculum. Students are required to take the AP test.

SS911A HUMAN GEOGRAPHY (A.P.) 10-11-12 1 Credit

The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Students are required to take the A.P. test.

SS961A GOVERNMENT & POLITICS (A.P.) 10-11-12 1 Credit

This course provides an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. Students are required to take the A.P. test.

NOTE: This course meets the Civics requirement

SS951A WORLD HISTORY (A.P.) 10 1 Credit

Students in this course will develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. The course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. Students are required to take the A.P. test.

Note: This course meets the Modern World Studies requirement

SS224C CONTEMPORARY ISSUES (COLLEGE PREP) 10-11-12 .5 Credit

This course will focus on the current events and issues that affect the United States and its interactions with other countries in the world. It will trace the historical development of relevant issues from the late 20th and 21st centuries and examine their possible impact on the future. Areas of focus will include world leaders and events, the environment, economy, health issues, politics, legal issues, technology, and religion.

SPECIAL EDUCATION

All Danbury Special Education students are educated in the least restrictive environment. Planning and Placement teams determine individual educational plans. All graduation requirements are offered in the co-teaching model. Post high school transition is an important focus for all Special Education students. The continuum of Special Education Programs is described on the following pages.

RESOURCE/STUDY SKILLS ROOM PROGRAM

The Resource/Study Skills Program provides direct and indirect academic, social and emotional support to students needing assistance in mainstream classes. Academic support includes remediation, supplemental instruction, applied learning skills, and compensatory techniques. An important function of the Resource Room Program is to prepare students for mainstream class success. The amount of time a student is scheduled into the Resource Room is determined by the Planning and Placement Team. Study skills are an integral part of any Resource Program. Grades and credit will be awarded through active participation in the Study Skills Program. Credits: 3 days per week for one semester = .3 credits for the semester
5 days per week for one semester = .5 credits for the semester

CO-TEACHING

Co-teaching utilizes the expertise of the Special Education teacher and the regular education teacher in the delivery of instruction to students. The emphasis in co-taught classes is on the development of study skills and learning strategies within the general curriculum. Both regular education and Special Education students benefit from this method of instruction.

CO-TAUGHT CLASSES

Algebra I	English III
Algebra II	English IV
Astronomy	Geometry
Biology	Modern World Studies
Chemistry	Physical Education
Civics	Science and the Environment
English I	U.S. History
English II	World Studies

Basic Academic Skills Program

The Basic Academic Skills Program is designed to meet the needs of High School Students who are cognitively challenged and/or developmentally delayed. Basic and Practical Life Skills essential to independent living in both the community and at home are the focus of this program. Major units of study include pre-vocational training, basic communication, functional reading, English, mathematics, social studies and science. Through Individual Education Plans students are given the opportunity to take classes in the Least Restrictive Environment. BAS Electives may include basic foods, basic health, basic music and special computers.

The Academy of Western Connecticut

The Academy of Western Connecticut is a community-based program which prepares young adult learners with disabilities for a successful adjustment to adulthood. This includes mastery of selected skills essential for assuming responsible productive roles in their communities.

Students work with program staff and community resources to refine and achieve transition goals related to employment, independent living, social/recreational, and functional academic skills.

Students' schedules will be based on their individual employment, social, academic, and community goals. The ultimate goal for participating students will be personal independence, community inclusion, and fulfillment of one's life ambitions.

The Western Connection

The Western Connection is a regional program that is located on the campus of Western Connecticut State University. The program prepares students with severe disabilities between the ages of 19-21 for successful adjustment to adulthood. Students are provided with hands-on work experiences, social/recreational experiences, and life-skills instruction to assist in the development of the vocational and social skills necessary for competitive employment and independent community living.

Vocational Training Program

This program provides Special Education students with occupational exploration and vocational training ranging from highly supervised enclave programs, individualized work sites, individualized placements with job coaching to "On-the-Job Training" (OJT) with minimal stipend for up to 15 hours.

Self-Contained Intensive-Behavior Program

The Self-Contained Intensive-Behavior Program (SCI-B) provides small group and/or individualized instruction to students who struggle to succeed in the mainstream due to behavioral and/or social/emotional issues. It is a credit incentive program which immediately rewards "on task" positive academic behavior. Social work support is an integral component of the program. Students are encouraged to move to mainstream classes when appropriate. In mainstream classes students continue to be supported and monitored by the SCI-B team.

TECHNOLOGY EDUCATION

Full Year Courses:		Half Year Courses:	
Communication Technology:			
TE131C	Architectural Design I	TE114C	Digital Imaging (College Prep)
TE231H	Architectural Design II (Honors)	TE154C	Entertainment Technologies I
TE171H	Computer-Aided Design (Honors)	TE164C	Entertainment Technologies II
TE905A	Computer Science Principles (A.P.)	TE004C	Technology Foundations
TE111C	Graphic Arts		
TE311H	Robotics (Honors)		
TE091C	Video Production and Broadcast Journalism I		
TE271H	Video Production and Broadcast Journalism II (Honors)		
Construction Technology:			
TE151C	Construction Systems I		
TE251C	Construction Systems II		
Transportation Technology:			
TE211C	Automotive Engineering Systems II	TE204C	Automotive Engineering Systems I
TE321C	Automotive Engineering Systems III		
TE141C	Engineering in Transportation Systems I		
TE241C	Engineering in Transportation Systems II		
General Technology:			
TE301C	Cooperative Work Experience		

TE004C TECHNOLOGY FOUNDATIONS (COLLEGE PREP) 9-10-11-12 .5 Credit

This course prepares students to understand and apply cornerstone technological concepts and processes. Students in this course use hands-on lessons to learn the concepts and roles of engineering, design, invention, and innovation in creating technology systems that help make life easier and better. They learn to apply and transfer this knowledge to common, everyday problems. Students learn how to assess technology, its impacts and resulting issues, and present the positive and negative consequences and how these have shaped today's global society. This course incorporates the applications of mathematics and science concepts and provides a strong background for students investigating careers in the engineering areas. Students will also have the opportunity to utilize the engineering design process to bring a brainstormed idea from initial sketches to finished product. Manufacturing processes will include woodworking machines, 3D printers, and laser cutters. The course will focus on the development of knowledge and skills regarding the following aspects of technology: its evolution, systems, core concepts, design, and utilization.

COMMUNICATION TECHNOLOGY

TE131C ARCHITECTURAL DESIGN I (COLLEGE PREP) 9-10-11-12 1 Credit

Using architectural computer software, this course will provide students with the necessary skills to do architectural drawing and design. Students will create floor plans, add doors, windows, furniture, and create a pictorial drawing of the plan with hidden lines removed. The projects assigned in this course have been carefully designed and paced to give the student a feeling of accomplishment in the construction of his/her own house/building plans. This course involves students in house/building design and construction. No drafting experience is needed.

TE231H ARCHITECTURAL DESIGN II (HONORS) 10-11-12 1 Credit

This course is an advanced course for the student who is interested in a career relating to architecture. Students will explore creating objects with architectural software. Using 3D entities, students will develop a model city, shopping center, or dream house. Environmental issues will be covered pertaining to house/city/shopping center construction. Students will be involved in model making.
PREREQUISITE: Architectural Design I

TE171H COMPUTER-AIDED DESIGN I (HONORS) 9-10-11-12 1 Credit

Computer-Aided Design I emphasizes the theory and application of design/drafting principles used to create detailed drawings and parts for products we use every day. Exact project dimensions and specifications are needed to draft and prototype engines, vehicles, furniture, toys, and electronics.

Instruction will include experience gathering and translating realistic project data with a computer-aided design software package (AutoCad) into a manufacturing plan including layout, setup, and operation of production process machines such as 3D printers and laser cutters.

The techniques learned and the software used reflect state-of-the-art and current industry standards. Experience gained will be useful in applying to engineering programs and for collaborative STEM work. Students are encouraged to choose a final portfolio project that solves a real-world problem and to present their work to the community.

TE905A COMPUTER SCIENCE PRINCIPLES (A.P.) 9-10-11-12 1 Credit

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cyber-security concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. Students are required to take the A.P. test.

PREREQUISITE: Algebra I

TE114C DIGITAL IMAGING (COLLEGE PREP) 9-10-11-12 .5 Credit

Digital Imaging provides an in-depth study of digital image files and their uses in the realm of digital graphics, imaging, and video. Topics include: alpha channels, composition and lighting, color theory, data compression, filters, raster graphics, vector graphics, gradients, layering, screen resolution and bit depth, and video display formats.

TE111C GRAPHIC ARTS (COLLEGE PREP) 9-10-11-12 1 Credit

This course will introduce students to the broad field of graphic arts. Through hands-on projects, students will learn about design fundamentals, color theory, typography, and the design process. Using industry-standard design programs, students will create their own designs and learn how to publish them in digital and print form. Students will learn about self-publishing and creating ebooks (ebooks).

TE311H ROBOTICS (HONORS) 10-11-12 1 Credit

Robotics is intended to provide students with an introduction to the world of robotics through a series of hands on activities. Students will become familiar with, and demonstrate skills in, the principal areas that comprise robotic systems. Sensors, microprocessors, hardware, software, actuators, motors, gears, mechanism design, programming, and algorithm development will be covered in this course. Students will participate in a series of design projects where they will build robots, wire, program, characterize, and integrate various sensors to provide environmental, and other types of sensing. Students will gain experience relevant to realistic industrial or personal applications using robotic controls.

PREREQUISITE: Algebra 2 or concurrent enrollment

TE091C VIDEO PRODUCTION AND BROADCAST JOURNALISM I (COLLEGE PREP) 9-10-11-12 1 Credit

Students will gain firsthand experience as they learn how to plan, capture, edit, and create videos to be broadcast on television. Student work may be broadcast the school's educational access cable channel, in the cafeteria and internet. Students will learn about and experience what it is to be media reporters, camera operators, editors, technical directors, sound assists, gaffers, graphic operators, and various other careers in video production. Students will learn to edit live and pre-recorded videos working with industry-level software and non-linear video editors. Students will learn how to write and create news packages to share with the school and to promote a Youtube channel using social media. Students will gain hands-on experience through working on real broadcasts.

TE271H VIDEO PRODUCTION AND BROADCAST JOURNALISM II (HONORS) 10-11-12 1 Credit

Students will gain in-depth experience as they plan, produce, and direct videos to be broadcast on the local cable educational access channel. Students will experience what it is to be producers, directors, motion graphic editors, sound technicians, lighting designers and various other careers in video production and media journalism. Students will learn to plan and produce live and pre-recorded videos. Students will lead after-school video productions, i.e., sporting events, meetings, and other productions. Students will leave the class with a demo tape that can be used during job interviews and included in college applications.

PREREQUISITE: Video Production and Broadcast Journalism I

TE154C ENTERTAINMENT TECHNOLOGIES I (COLLEGE PREP) 9-10-11-12 .5 Credit

This introductory course focuses on the development, design, and building of entertainment settings and structures. Entertainment Technologies will cover basic drafting conventions both by hand and with the assistance of computer drafting software. Drafting will focus on set ground plans, section drawings, lighting and sound plots. Hands on construction of set pieces, backdrops, platforms, and other entertainment related structures will allow students real-world opportunities while supporting both video production/ film classes and other events that take place on the Danbury High School campus.

NOTE: Students may register for Entertainment Technologies I and not Entertainment Technologies II.

TE164C ENTERTAINMENT TECHNOLOGIES II (COLLEGE PREP) 9-10-11-12 .5 Credit

This course focuses on the design and implementation of lighting, projections, and sound reinforcement in entertainment. Students will explore the history of lighting and sound, the evolution of technologies, and the artistic design of a lighting or sound reinforcement plot. Lighting and sound plots will be developed and used in both video/film classes as well as in the DHS auditorium. Students will receive hands-on training and experience using digital lighting, sound, and projection equipment. Computer-Aided drafting will also be incorporated in this course.

CONSTRUCTION TECHNOLOGY

TE151C CONSTRUCTION SYSTEMS I (COLLEGE PREP) 9-10-11-12 1 Credit

Construction Systems is a course designed to help students understand how our constructed environment was built, is being built, and will be built in the future. Students will learn what it means to be responsible citizens in making decisions relative to our construction environment and in using construction technology. Students will be involved with construction procedures, using common tools, processing typical materials, and experiencing productive working conditions. The major strands of this course will involve designing, building, and using structures.

TE251C CONSTRUCTION SYSTEMS II (COLLEGE PREP) 10-11-12 1 Credit

A significant and critical part of our technological society is our construction world - our buildings, highways, dams, airports, and marine terminals. Students will develop the knowledge, insight, and understanding of the technological concepts essential to producing structures, such as buildings, bridges, dams, roads, and tunnels. Students will learn how to design structures to include the needs of the owner, the environment and social impact of the structure, to withstand loads and forces, and present this design in the form of drawings and specifications. Other areas to be covered include building codes, foundations, framing, plumbing, electrical installation, and drywall installation.

PREREQUISITE: Construction Systems I

TRANSPORTATION TECHNOLOGY

TE141C ENGINEERING IN TRANSPORTATION SYSTEMS I (COLLEGE PREP) 9-10-11-12 1 Credit

This course is designed to explore humankind's development of transportation systems and their associated components. The historical development and application of land, marine, air, and space transportation technologies are studied, as well as their social, environmental, and economic impact. Solutions to problems and projects presented in class are developed by students utilizing the engineering design process in a laboratory setting, working both individually and in teams. Safe use of tools, machines, and equipment will be stressed in all facets of this course.

TE241C ENGINEERING IN TRANSPORTATION SYSTEMS II (COLLEGE PREP) 10-11-12 1 Credit

This course is designed to continue and expand on both the design and development strategies and course content learned in Engineering in Transportation Systems I. Students will continue to utilize the engineering design process to design, build, test, and analyze systems and subsystems of various forms of transportation. Topics include designing of mechanical components and integrated assemblies (gear trains, motors, power transmission, bearings, and fasteners), radio controlled vehicles, drones, electrical systems, and fabrication techniques. Course content will also address the links between transportation systems and governmental regulations, energy resources, and career opportunities. Safe use of tools, machines, and equipment will be stressed in all facets of this course.

PREREQUISITE: Engineering in Transportation Systems I

TE204C AUTOMOTIVE ENGINEERING SYSTEMS I (COLLEGE PREP) 10-11-12 .5 Credit

This course combines classroom and laboratory experiences that incorporate training in service and repair work on all types of automotive vehicles. Included in the course is training in the use of service information, and a variety of hand and power tools, as well as using the latest in computer diagnostic equipment. Instructions provide opportunities for students to learn diagnostic procedures to aid in trouble shooting malfunctions. Students will be provided with the opportunity to become proficient in the skills required for maintaining their personal vehicles. Course content will address ASE standards. Steering and suspension, brakes, engine performance, drive trains, electrical systems, air conditioning, welding and cutting of materials, and engine repair will be areas of focus in this course.

TE211C AUTOMOTIVE ENGINEERING SYSTEMS II (COLLEGE PREP) 11-12 2 Credits

Students will operate an automotive repair business as part of this course. Automotive repair work will be scheduled on a regular basis and students will be responsible for completing the necessary repairs, providing detailed work reports, and billing customers for the work completed. Safety rules, diagnostics, work schedules, environmental cleanliness, and quality of work will be part of the students' experience in this career oriented program. This class meets for a double period.

PREREQUISITE: Automotive Engineering Systems I

TE321C AUTOMOTIVE ENGINEERING SYSTEMS III (COLLEGE PREP) 12 2 Credits

This course requires advanced work to complete special projects of greater depth and scope. The student may act in the capacity of team leader with less experienced students. Areas of emphasis will include comprehensive engine cylinder rebuilding, head resurfacing, valve grinding, and brake drum and rotor resurfacing. This class meets for a double period.

PREREQUISITE: Automotive Engineering Systems II

GENERAL TECHNOLOGY

TE301C COOPERATIVE WORK EXPERIENCE CWE (COLLEGE PREP) 11-12 2 Credits

The CWE Program is a career development program sponsored and directed by the high school and local employers. It is designed to meet the needs of students interested in gaining a salable skill with which they can enter the job market upon graduation. Since CWE is a state approved program, 16 - 17 year olds can, with an approved training plan, get the permission of the Labor Department to work at jobs only open to individuals 18 years of age. This course meets two periods per week.

The CWE Program's objectives are to develop work place readiness and attitudes necessary for success in the world to work. These objectives are achieved by combining on the job training with a planned curriculum in the high school.

CWE students attend regular classes four or five periods each day and then are released to go to the job phase of their learning. Students who are employed for a minimum of 54 hours a month for ten months and successfully complete the CWE course will receive two credits. The program is one year in duration and credit is given at the end of the course with the exception of January graduates.

The CWE program is a one-year program open to students in grades 11 and 12 (12th grade students given priority). Students must be at least 16 years old to enter the program. CWE students may not be enrolled in any other class that gives credit for a work release component (e.g. Marketing II, Culinary Arts). Credit will not be given for both classes.

THEATRE ARTS

Full Year Courses:

- TH301C** **SPEECH ARTS**
- TH201H** **ACTING (HONORS)**

Half Year Courses:

- TH104C** **INTRODUCTION TO THEATRE**

TH104C **INTRODUCTION TO THEATRE (COLLEGE PREP)** **9-10-11-12** **.5 Credit**

Introduction to Theatre will introduce students to various aspects of theatre production: acting, directing, stagecraft, makeup, lighting, and production. Students will learn to critique and create theatrical productions. Students will develop theatre literacy and appreciation by exploring how theatre arts and dramatic story telling fit into their own lives and the community.

TH301C **SPEECH ARTS (COLLEGE PREP)** **10-11-12** **1 Credit**

Speech Arts is not just a class about making speeches. Speech Arts helps to create a foundation for students to work on communication, creativity, confidence, storytelling, team building and other life skills. Theatre games, improvisational activities, movement, presentations and hands-on activities are fundamental to this class that helps to prepare students for life beyond high school. Students can take this multiple times for credit.

TH201H **ACTING (HONORS)** **11-12** **1 Credit**

Acting is a workshop course for students who are highly motivated to perform. The course will include acting technique, improvisation, characterization, theatre movement, monologue, dialogue, and scene work. Students must be capable of memorizing and performing monologues, dialogues and scenes. Students will participate in the staging of a full drama. They will learn as much about themselves as they will about the characters they portray. Students can take this course multiple times for credit.

PREREQUISITE: Speech Arts or Introduction to Theatre

WORLD LANGUAGES

Full Year Courses:	
WL301C	American Sign Language
WL131C	Chinese I
WL231C	Chinese II
WL331C	Chinese III
WL901A	AP French Language and Culture
WL101C	French I
WL101H	French I (Honors)
WL111C	French II
WL 111H	French II (Honors)
WL121C	French III
WL211H	French IV(Honors)
WL141C	Italian I
WL241C	Italian II
WL251C	Italian III
WL451H	Italian IV (Honors)
WL911A	AP Spanish Language and Culture
WL191C	Spanish for Heritage Speakers I
WL291C	Spanish for Heritage Speakers II
WL151C	Spanish I
WL151H	Spanish I (Honors)

WL161C	Spanish II
WL161H	Spanish II (Honors)
WL171C	Spanish III
WL271H	Spanish IV (Honors)

All students enroll for a full year of a world languages course. Credits are earned at the end of each semester. Work failed in the first semester may not be made up in the second semester. Students must earn a grade of at least 70 in a world language course in order to continue to the next level.

Students entering world language courses with a native background in the registered course will take a placement test to determine appropriate level. Students will be placed directly into a level I course, in which the teacher will administer and grade the language placement test. If the student receives a score indicative of a higher-level placement, the student will be rescheduled appropriately.

WL101C FRENCH I (COLLEGE PREP) 9-10-11-12 1 Credit

French I is an introductory course in language and culture. Basic French sounds are introduced followed by pronunciation and articulation drills. Basic vocabulary and grammar necessary for everyday dialogue and conversation are studied. Some fundamental differences between American and French culture are noted. Gradual use of French in class by both teacher and students is begun in an effort to develop understanding of and the ability to speak in French.

WL101H FRENCH I (HONORS) 9-10-11-12 1 Credit

This course will provide students with a foundational knowledge of French. It will provide the basic skills necessary to travel to a French-speaking country. Students will be able to communicate about basic topics in French. This course is conducted mainly in French with occasional explanations in English when necessary.

WL111C FRENCH II (COLLEGE PREP) 9-10-11-12 1 Credit

French II is a continuation beyond the introductory course with an emphasis on aural/oral skills with the continued stress on vocabulary and grammar study. French and American cultural differences provide a basis for conversation and elementary composition in French.

PREREQUISITE: French I

WL111H FRENCH II (HONORS) 9-10-11-12 1 Credit

French II H is a challenging continuation beyond the introductory French courses. The emphasis is on proficiency in reading, listening, speaking and writing within cultural contexts. Students will be assigned in-depth tasks in order to acquire language fluency more quickly. There is an increase of use of French in class. PREREQUISITE: French 1 OR successful completion of BOTH French 1A and 1B.

WL121C FRENCH III (COLLEGE PREP) 9-10-11-12 1 Credit

French III is an intermediate course stressing development of skills for reading and writing. There is review and reinforcement of grammar studies followed by an introduction of more advanced structures. Use of French in class by teachers and students is more intensive. Short cultural readings are assigned for class discussion and composition.

PREREQUISITE: French II

WL211H FRENCH IV (HONORS) 10-11-12 1 Credit

This is an intensive and challenging course for students who have excelled in French III. More difficult readings are assigned, and greater stress is placed on the ability to express oneself more accurately in written composition and in conversation.

PREREQUISITE: French III

WL901A AP FRENCH LANGUAGE AND CULTURE 11-12 1 Credit

The course will emphasize the use of language for active communication and help students develop the ability to understand spoken French in various contexts; a French vocabulary sufficiently ample for reading newspaper and magazine articles, literary texts, and other non-technical writings without dependence on a dictionary; and the ability to express themselves coherently, resourcefully, and with reasonable fluency and accuracy in both written and spoken French. Students are required to take the A.P. test.

PREREQUISITE: French IV

WL141C ITALIAN I (COLLEGE PREP) 9-10-11-12 1 Credit

Italian I is an introductory course in language and culture. Basic Italian sounds are introduced followed by pronunciation and articulation drills. Basic vocabulary and elementary grammar necessary for everyday dialogue and conversation are studied. Some fundamental differences between American and Italian culture are noted. Gradual use of Italian in class by both teacher and students is begun in an effort to develop understanding of and the ability to speak in Italian.

WL241C ITALIAN II (COLLEGE PREP) 10-11-12 1 Credit

Italian II is a continuation beyond the introductory course emphasizing on aural/oral skills with continued stress on vocabulary and grammar study. Italian and American cultural differences provide a basis for conversation and elementary composition in Italian.

PREREQUISITE: Italian I

WL251C ITALIAN III (COLLEGE PREP) 10-11-12 1 Credit

Italian III is an intermediate course stressing development of skills for reading and writing. There is review and reinforcement of grammar studies thus far followed by an introduction of more advanced structure. Use of Italian in class by teachers and students is more intensive. Short cultural readings are assigned for class discussion and composition.

PREREQUISITE: Italian II

WL451H ITALIAN IV (HONORS) 12 1 Credit

Italian IV continues the work done in the intermediate course. Students continue developing the four skills of listening, speaking, reading and writing. Review of grammar studies thus far is followed by more advanced grammar. Italian is used as the medium of instruction to the extent possible.

PREREQUISITE: Italian III

WL191C SPANISH FOR HERITAGE SPEAKERS I 9-10-11-12 1 Credit

Spanish for Heritage Speakers I is a beginning Spanish language-arts course for students from homes where Spanish is spoken. This course offers students who understand Spanish, and can communicate with family members in Spanish, an opportunity to study the language formally. The course will help students grow in their communicative ability level beyond basic language development. The goal is to build upon the language base students already possess. This course is appropriate for any student who is interested in studying Spanish and already knows some, and comes from a bilingual home.

WL291C SPANISH FOR HERITAGE SPEAKERS II 10-11-12 1 Credit

Spanish for Heritage Speakers II is a Spanish language arts course for either:

1. Students who have successfully completed Spanish for Heritage Speakers I, and wish to build on the Spanish literacy skills and cultural knowledge acquired the previous year, or
2. Students who can already read and write in Spanish and want to increase these skills and expand their bilingual range. Students will improve in speaking, reading, writing and listening. The curriculum focus is, Language and Grammar, Literature, Composition and Connection to English. This course will also prepare interested students for AP Spanish Language and Culture.

PREREQUISITE: None

WL151C SPANISH I (COLLEGE PREP) 9-10-11-12 1 Credit

Spanish I is an introductory course in language and culture. Basic Spanish sounds are introduced followed by pronunciation and articulation drills. Basic vocabulary and elementary grammar necessary for everyday dialogue and conversation are studied. Some fundamental differences between American and Spanish culture are noted. Gradual use of Spanish in class by both teacher and students is begun in an effort to develop understanding and the ability to speak in Spanish.

WL151H SPANISH I (HONORS) 9-10-11-12 1 Credit

This course will provide students with a foundational knowledge of Spanish. It will provide the basic skills necessary to travel to a Spanish-speaking country. Students will be able to communicate about basic topics in Spanish. This course is conducted mainly in Spanish with occasional explanations in English when necessary.

WL161C SPANISH II (COLLEGE PREP) 9-10-11-12 1 Credit

Spanish II is a continuation beyond the introductory course. There is an increased use of Spanish in class. Speaking and listening skills will be emphasized, with continued instruction in vocabulary acquisition and grammar study. Spanish-speaking and American cultural differences provide a basis for conversation and composition in Spanish.

PREREQUISITE: Spanish I OR successful completion of BOTH Spanish 1A and 1B

MIDDLE SCHOOL STUDENTS ONLY: Follow the link for a self-assessment to determine correct placement in this course or if a repeat of Spanish 1 is necessary. ** if you experience difficulty accessing the link please email gonzap@danbury.k12.ct.us**

https://docs.google.com/a/danbury.k12.ct.us/document/d/1E0sBtmyXVh_GEhLB4lA3OQJWkuzgTsS_vBLgTAefNQY/edit?usp=sharing

WL161H SPANISH II (HONORS) 9-10-11-12 1 Credit

Spanish II H is a challenging continuation beyond the introductory Spanish courses. The emphasis is proficiency in reading, listening, speaking and writing within cultural contexts. Students will be assigned in-depth tasks in order to acquire language fluency more quickly. There is an increase of use of Spanish in class.

PREREQUISITE: Spanish 1 OR successful completion of BOTH Spanish 1A and 1B

WL171C SPANISH III (COLLEGE PREP) 9-10-11-12 1 Credit

Spanish III is an intermediate course stressing development of skills for reading and writing. There is review and reinforcement of grammar studies thus far, followed by introduction of more advanced structure. Use of Spanish in class by teacher and students is more intensive. Short cultural readings are assigned for discussion and for composition.

PREREQUISITE: Spanish II

WL271H SPANISH IV (HONORS) 10-11-12 1 Credit

This is an intensive and challenging course for students who have excelled in Spanish III. More difficult readings are assigned, and greater stress will be placed on the ability to express oneself more accurately in written composition and in conversation.

PREREQUISITE: Spanish III

WL911A AP SPANISH LANGUAGE AND CULTURE 11-12 1 Credit

An A.P. Spanish Language course is comparable to an advanced level (5th- and 6th-semester or equivalent) college Spanish language course. Emphasizing the use of Spanish for active communication, it encompasses aural/oral skills, reading comprehension, grammar, and composition. The course objectives include learning to understand Spanish spoken by native speakers at a natural pace, with a variety of regional pronunciations, in both informal (interpersonal) and formal (presentational) contexts; develop an active vocabulary sufficient for

reading newspaper and magazine articles, contemporary literature, and other non-technical writings (websites, letters and emails, advertisements, signs and instructions) in Spanish without dependence on a dictionary; and express yourself by describing, narrating, inquiring, and developing arguments in Spanish, both orally and in writing, with reasonable fluency, using different strategies for different audiences and communicative contexts. Students are required to take the A.P. test.

PREREQUISITE: Spanish IV

WL131C CHINESE I (COLLEGE PREP) 9-10-11-12 1 Credit

Chinese I is an introductory course in language and culture. Basic Chinese sounds are introduced followed by pronunciation and articulation drills. Basic written characters will also be taught. Additionally, basic vocabulary for everyday dialogue and conversation are studied. Some fundamental differences between American and Chinese cultures are noted. Gradual use of spoken Chinese in class by both teacher and students is begun in an effort to develop understanding of and the ability to converse in Chinese.

WL231C CHINESE II (COLLEGE PREP) 10-11-12 1 Credit

Chinese II is a continuation beyond the introductory course emphasizing aural/oral skills with continued stress on vocabulary and grammar study. Students will continue to work with Chinese written characters. Chinese and American cultural differences provide a basis for conversation and elementary composition in Chinese.

PREREQUISITE: Chinese I

WL331C CHINESE III (COLLEGE PREP) 11-12 1 Credit

Chinese III is an intermediate course stressing development of skills for reading and writing. There is a review and reinforcement of grammar studied thus far, followed by introduction of more advanced structure. Use of Chinese in class by teacher and students is more intensive. Short cultural readings are assigned for discussion and for composition.

PREREQUISITE: Chinese II

WL301C AMERICAN SIGN LANGUAGE (COLLEGE PREP) 9-10-11-12 1 Credit

American Sign Language is an introductory course in language and culture. Finger spelling is introduced, followed by visual-gestured activities. Basic vocabulary and elementary grammar necessary for everyday dialogue and conversation are studied. Some fundamental characteristics of the deaf culture are noted. Gradual use of American Sign Language in class by both teacher and students is begun in an effort to develop an understanding and the ability to use American Sign Language.



Mission Statement

Empowering *ALL* students to be informed and productive citizens.

Academic Expectations

Danbury High School students:

- 1.1 Read closely and analytically to comprehend a range of increasingly complex literary and informational texts.
- 1.2 Produce effective and well-grounded writing for a range of purposes and audiences.
- 1.3 Employ effective speaking and listening skills for a range of purposes and audiences.
- 1.4 Engage in research/inquiry to investigate topics, and to analyze, integrate, and present information.
- 1.5 Use real-world digital and other research tools to access, evaluate, and effectively apply information appropriate for authentic tasks.
- 1.6 Demonstrate innovation, flexibility and adaptability in thinking patterns, work habits, and working/learning environment.
- 1.7 Explain and apply mathematical concepts and interpret and carry out mathematical procedures with precision and fluency.
- 1.8 Solve a range of complex well-posed problems in pure and applied mathematics, making productive use of knowledge and problem solving strategies.
- 1.9 Clearly and precisely construct viable arguments to support their own reasoning and to critique the reasoning of others.
- 1.10 Analyze complex, real-world scenarios and can construct and use mathematical models to interpret and solve problems.

Civic Expectations

Danbury High School students:

- 2.1 Work independently and collaboratively to solve problems and accomplish goals.

Social Expectations

Danbury High School students:

- 3.1 Value and demonstrate personal responsibility, character, cultural understanding and ethical behavior.