

Masuk High School



Program of Studies

2009 – 2010

NON-DISCRIMINATION POLICY

It is the policy of the Monroe Board of Education not to discriminate on the basis of race, sex, color, religious creed, age, physical disability (in accordance with Section 504 of the Rehabilitation Act of 1973) and national origin, ancestry, marital status or other provisions stated in accordance with Title IX of the 1972 Education Amendments, in any of its educational programs, activities or employment policies. The Monroe Board of Education is an equal opportunity/affirmative action employer. Any person wishing to resolve a complaint should contact the Coordinator of Title VI, Title IX, and Section 504, Director of Pupil Personnel, at the Monroe, Board of Education, 375 Monroe Turnpike, Monroe, CT 06468 or telephone (203) 452-5815.

SCHOOL CHOICE STATEMENT

Under CT Education Law Sec. 10-220d each local and regional board of education shall provide full access to regional vocational-technical schools, regional vocational agricultural centers, inter-district magnet schools, charter schools and inter-district student attendance programs for the recruitment of students attending the schools under the board's jurisdiction, provided such recruitment is not for the purpose of inter-scholastic athletic programs. Information regarding school choice options are available in the main office and in the guidance office.

GRIEVANCE PROCEDURE FOR TITLE VI, TITLE IX AND SECTION 504

The Director of Pupil Personnel is the Coordinator for Title VI, Title IX and Section 504 of the Handicapped Law. Any student or employee of the Monroe Board of Education, who feels they have been discriminated against on the basis of race, color, national origin, age, sex or handicap, may contact such coordinator at any time should there be a complaint. The coordinator is located in the Board of Education offices.

If the coordinator of Title VI, Title IX and Section 504 is unable to resolve the complaint, the grievance will be taken to mediation. The mediation committee consists of the coordinator and three members of the Title IX Committee who will work within the law and with fairness to find facts and resolve the issue.

The final level for the grievance will be the Superintendent of Schools and the Board of Education.

APPROVED: April 23, 1985

MASUK HIGH SCHOOL
MONROE, CONNECTICUT

December

Dear Parents and Students:

You are about to commence a very important process of your school career...**course selection**. The high school experience is designed to provide you with opportunities for continuous academic and social growth. The courses that you select will assist you in achieving this goal. Masuk High School's Mission Statement is the following:

United by our commitment to challenge students through high expectations, rigorous curricula, and access to a wide variety of learning opportunities, we empower all students to be inquiring learners, creative problem solvers, and responsible citizens of the global community.


We take our mission very seriously and we trust that the courses offered will assist you in your future accomplishments.

The variety of courses offered allows all students to share a common opportunity for growth. Masuk offers a myriad of courses, levels, and instructional methods at each grade level and academic department to provide a challenging curriculum for students with various abilities.

Many factors determine how students are assigned the courses that they take during the school year. Some of these include current teachers' recommendations for student placement, consideration of students' interests, and academic needs. We have discovered that students' ability, achievement, and motivation along with the demands of the curriculum are best known by the current teachers. Parents and students review the recommendations before the course selection is finished. Through this process, students take charge of their education with guidance from their parents and faculty members.

Academic planning is comprehensive; each year's achievement and decisions are built on the preceding ones. The process provides a foundation for the future. Masuk High School faculty is available to provide continuous assistance and information during this important course selection process.

Sincerely,



John J. Battista
Principal

TABLE OF CONTENTS

Ability Placement.....	14
Academic Eligibility for Student Athletes.....	24
Adjusted Curriculum Special Education Courses	61
Business Education.....	25
Business Work Experience	30
Class Rank.....	21
College Credit for High School Courses	14
Computer Study	31
Course Links (Math/Science).....	51
Curriculum Guideline.....	3
Department Chairpersons	1
English.....	34
Expectations for Student Performance.....	2
GPA/WGPA.....	21-23
Graduation Requirements.....	14
Grievance Procedures for Titles VI, IX, and Section 504.....	inside front cover
Health Services Personnel.....	1
High School Planning Guide	79
Independent Studies	15
Masuk High School Mission Statement	2
Mathematics	40
Music	45
Non-Discrimination Policy	inside front cover
Physical Education/Health	48
Pupil Services Personnel	1
Regional Programs	62
School Administration	1
School Choice Program	inside front cover
Science.....	51
Social Studies.....	56
Special Education.....	60
Special Programs	61
Technology Education.....	63
Transfer Students.....	23
UCONN Early College Experience (ECE).....	16
Virtual High School Course Offerings	19-20
Visual Arts	68
World Language.....	72

SCHOOL ADMINISTRATION

Mr. John Battista, Principal jbattista@monroeps.org
Mrs. Laura Ferrante Fernandes, Assistant Principal lferrandes@monroeps.org
Mr. Mark S. Schwarz, Assistant Principal mschwarz@monroeps.org
Mr. Joseph Kobza jkobza@monroeps.org

DEPARTMENT CHAIRPERSONS

Ms. Mary Ahlers, Mathematics..... mahlers@monroeps.org
Mrs. Lynn Costello, Business Education lcostello@monroeps.org
Mr. Michael Crowley, English..... mcrowley@monroeps.org
Mr. John DeGennaro, Physical Education/Health jdegennaro@monroeps.org
Mr. Brian Humpal, Physical Education/Health bhumpal@monroeps.org
Mr. Ian Lowell, Social Studies/History..... ilowell@monroeps.org
Mrs. Laura Maher, Special Education..... lmaher@monroeps.org
Ms. Hope Maloney, Pupil Services hmalony@monroeps.org
Mr. Peter Schmitt, Science pschmitt@monroeps.org
Mr. Mark Schwarz, Technology Education mschwarz@monroeps.org
Mr. Jeffrey Seymour, Computer Education..... jseymour@monroeps.org
Mrs. Doree Voychick, Fine Arts dvoychick@monroeps.org
Mrs. Lisa Rabuska, World Language..... lrabuska@monroeps.org

HEALTH SERVICES

Mrs. Diane Fraser, R.N., dfraser@ monroeps.org
Mrs. Patricia Severson, R.N..... pseverson@monroeps.org

PUPIL SERVICES

Ms. Kathy Kean, Counselor kkean@monroeps.org
Ms. Hope Maloney, Department Chairperson hmalony@monroeps.org
Ms. MaryLu Matott, Counselor..... mmatott@monroeps.org
Mr. Sean McDonald, School Psychologist smcdonald@monroeps.org
Ms. Lisa Melillo, School Psychologist lmelillo@monroeps.org
Ms. Ann Odoy, Counselor..... aodoy@monroeps.org
Ms. Megan Perham, Counselor mperham@monroeps.org
Mrs. Penny Ploski, Counselor..... pploski@monroeps.org
Mr. David York, Counselor..... dyork@monroeps.org

MASUK HIGH SCHOOL MISSION STATEMENT

United by our commitment to challenge students through high expectations, rigorous curricula, and access to a wide variety of learning opportunities, we empower all students to be inquiring learners, creative problem solvers, and responsible citizens of the global community.

EXPECTATIONS FOR STUDENT PERFORMANCE

Academic Expectations

- ◆ Masuk students will develop reading strategies across the disciplines in response to various genres of fiction and nonfiction by:
 - forming an initial understanding
 - interpreting for meaning and purpose
 - connecting to experience and/or other texts
 - evaluating the literary and aesthetic merits of a text

Success will be measured through Masuk's schoolwide Response to Literature Rubric.

- ◆ Masuk students will produce a variety of written, oral and visual pieces across the disciplines choosing the appropriate structure for addressing audience, purpose, and point of view, incorporating correct usage of the language.

Success will be measured through Masuk's schoolwide rubrics.

- ◆ Masuk students will apply numeracy skills and problem-solving strategies to promote understanding across the disciplines and to solve multi-step problems and clearly communicate their solutions.

Success will be measured by Masuk's rubrics.

- ◆ Masuk students will identify and apply a wide range of technology to conduct research, communicate information and ideas, create original works, organize data, and solve problems.

Success will be measured by the completion of various performance tasks that incorporate the use of technology.

- ◆ Masuk students will experience, create, and/or participate in fine or vocational arts and demonstrate understanding of the importance in the human experience.

Success will be measured by the successful completion of fine arts/vocational arts.

Social Expectations

- ◆ Masuk students will gain an understanding of themselves and others in the world and develop attitudes of respect, appreciation, and sensitivity toward human and cultural differences.
- ◆ Masuk students will demonstrate an awareness and understanding of the complexities involved in making decisions.
- ◆ Masuk students will develop behaviors that promote lifelong health and wellness.
- ◆ Masuk students will be able to apply the academic, critical, practical, technical, technological, and employability skills needed for success in higher education and the work place, and to manage their personal lives.

Civic Expectations

- ◆ Masuk students will be provided with opportunities to develop an understanding of one's own rights and responsibilities as well as responsibilities to school, community, and country.

CURRICULUM GUIDELINE

Expectations for Student Performance

Academic Expectations – Levels of Involvement

Level of Involvement for Reading

- R1 Occasional reading assignments
- R2 Frequent reading assignments
- R3 Extensive reading assignments

Level of Involvement for Writing

- W1 Occasional writing assignments
- W2 Frequent writing assignments
- W3 Extensive writing assignments
- W4 Writing is the main focus of the course

Level of Involvement for Numeracy

- N1 Occasional use of concepts of numeracy
- N2 Frequent use of concepts of numeracy
- N3 Extensive use of concepts of numeracy

Level of Involvement for Problem Solving

- PS1 Occasional use of problem solving
- PS2 Frequent use of problem solving
- PS3 Extensive use of problem solving

Level of Involvement for Technology

- T1 Occasional use of technology
- T2 Frequent use of technology
- T3 Extensive use of technology

Level of Involvement for Research

- RE1 Occasional use of research
- RE2 Frequent use of research
- RE3 Extensive use of research

Level of Involvement for Homework

- H1 Less than 30 minutes, 3 times a week
- H2 Thirty minutes, 3 times a week
- H3 Forty minutes a night
- H4 Sixty minutes a night

Occasional – some

Frequent – daily

Extensive – it is the focus of the course; inside and outside the classroom.

* These are approximations. The purpose is to provide a general guideline for courses.

BUSINESS	P - Course assumes primary responsibility for this expectation																				
	R - Course assumes reinforcing responsibility for this expectation																				
Course Name	Develop Reading Strategies		Written, Oral & Visual Pieces		Problem-Solving Strategies		Technology		Visual &/or Performing Art		Understanding of Themselves & Others		Making Decisions		Promote Life-long Health & Wellness		Manage Their Personal Lives		Understand. of One's Own Rights & Responsibilit.		
	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P
BWEP I		X		X		X					X		X						X		
BWEP II .50		X		X		X					X		X						X		
BWEP work credit		X		X		X					X		X						X		
Web Page Design		X		X		X		X		X		X		X					X		
Computer Repair Technology		X		X		X		X				X		X					X		
Computer Technology II		X		X		X		X				X		X					X		
Personal Finance		X		X		X		X				X		X					X		X
Accounting I		X		X		X						X		X					X		
Computerized Accounting		X		X		X		X				X		X					X		
Marketing		X		X		X		X		X		X		X					X		
Business Communications		X		X		X		X				X		X					X		
Accounting II		X		X		X						X		X					X		
College And Personal Keyboarding		X		X		X						X		X					X		
Speedwriting I- College & Busn.		X		X		X						X		X					X		
Keyboarding		X		X		X						X		X					X		
Computer Application		X		X		X		X		X		X		X					X		
Integrated Computer Application		X		X		X		X		X		X		X					X		
Business Law		X		X		X						X		X					X		X
Microsoft Word		X						X				X		X					X		

ENGLISH	P - Course assumes primary responsibility for this expectation																				
	R - Course assumes reinforcing responsibility for this expectation																				
Course Name	Develop Reading Strategies		Written, Oral & Visual Pieces		Problem-Solving Strategies		Tech.		Visual &/or Performing Art		Understanding of Themselves & Others		Making Decisions		Promote Life-long Health & Wellness		Manage Their Personal Lives		Understand. of One's Own Rights & Responsibilit.		
	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P
Language Arts - English 9	X		X			X		X		X		X		X							
Language Arts 9 – Honors	X		X			X		X		X		X		X							
Literary Genres	X		X			X		X		X		X		X							
Reading / Writing Workshop – 9	X		X			X		X		X		X		X							
English 2 -Grade 10 Read / Usage	X		X			X		X		X		X		X							
Public Communication		X	X			X		X		X		X		X							
Introduction To Theatre Arts	X		X			X		X		X		X		X							
English 3 - Grade 11	X		X			X		X		X		X		X							
Great Books/Classical Study – Honor	X		X			X		X		X		X		X							
Grade 11 English	X		X			X		X		X		X		X							
Creative Writing I & II		X	X			X		X		X		X		X							
English 4	X		X			X		X		X		X		X							
Literature and Language	X		X			X		X		X		X		X							
British Literature I & II	X		X			X		X		X		X		X							
Adv Placement English Literature	X		X			X		X		X		X		X							
Reading & Crit. Think Skls-coll.	X		X			X		X		X		X		X							
American Literature I & II	X		X			X		X		X		X		X							
American Studies	X		X			X		X		X		X		X							
Advanced Placement English Language	X		X			X		X		X		X		X							
Senior Composition		X	X			X		X		X		X		X							
Writing For Publication		X	X			X		X		X		X		X							
Advanced Placement Language/UConn	X		X			X		X		X		X		X							
Journalism		X	X			X		X		X		X		X							
Contemporary Literature	X		X			X		X		X		X		X							
Journalism Practicum		X	X			X		X		X		X		X							

FINE ARTS	P - Course assumes primary responsibility for this expectation																			
	R - Course assumes reinforcing responsibility for this expectation																			
Course Name	Develop Reading Strategies		Written, Oral & Visual Pieces		Problem-Solving Strategies		Technology		Visual &/or Performing Art		Understanding of Themselves & Others		Making Decisions		Promote Life-long Health & Wellness		Manage Their Personal Lives		Understand. of One's Own Rights & Responsibilit.	
	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R
Ceramics		X		X		X		X	X			X	X			X	X		X	
Drawing I		X		X		X		X	X			X	X			X	X		X	
Ceramics II		X		X		X		X	X			X	X			X	X		X	
Basic Art Skills & Concepts		X		X		X		X	X			X	X			X	X		X	
Sculpture		X		X		X		X	X			X	X			X	X		X	
Painting I		X		X		X		X	X			X	X			X	X		X	
Painting II		X		X		X		X	X			X	X			X	X		X	
Drawing II		X		X		X		X	X			X	X			X	X		X	
Studio Art		X		X		X		X	X			X	X			X	X		X	
AP Studio: Drawing		X		X		X		X	X			X	X			X	X		X	
Strings		X		X		X		X	X			X	X			X	X		X	
Chorus		X		X		X		X	X			X	X			X	X		X	
Music Theory		X		X		X		X	X			X	X			X	X		X	
Band		X		X		X		X	X			X	X			X	X		X	
Jazz Improvisation		X		X		X		X	X			X	X			X	X		X	
Music Appreciation		X		X		X		X	X			X	X			X	X		X	

Course Name	P - Course assumes primary responsibility for this expectation																			
	R - Course assumes reinforcing responsibility for this expectation																			
	Develop Reading Strategies		Written, Oral & Visual Pieces		Problem-Solving Strategies		Technology		Visual &/or Performing Art		Understanding of Themselves & Others		Making Decisions		Promote Life-long Health & Wellness		Manage Their Personal Lives		Understand. of One's Own Rights & Responsibilit.	
	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R
Data Analysis – Semester		X			X			X					X							
Algebra I		X			X			X					X							
AP Statistics		X			X			X					X							
Geometry		X			X			X					X							
Calculus		X			X			X					X							
Algebra II		X			X			X					X							
Intermediate Algebra II		X			X			X					X							
Consumer Mathematics		X			X			X					X							
Senior Advanced Mathematics		X			X			X					X							
Precalculus		X			X			X					X							
Independent Study Math		X			X			X					X							
Probability & Statistics		X			X			X					X							

PE/HEALTH		P - Course assumes primary responsibility for this expectation																			
		R - Course assumes reinforcing responsibility for this expectation																			
Course Name	Develop Reading Strategies		Written, Oral & Visual Pieces		Problem-Solving Strategies		Technology		Visual &/or Performing Art		Understanding of Themselves & Others		Making Decisions		Promote Life-long Health & Wellness		Manage Their Personal Lives		Understand. of One's Own Rights & Responsibilit.		
	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P
Physical Education Semester 1						X					X		X	X			X				
Physical Education / Health						X					X		X	X			X				
Physical Education Gr. 10						X					X		X	X			X				
Physical Education Semester 2						X					X		X	X			X				
Physical Education Gr. 10						X					X		X	X			X				
Physical Education Gr. 11						X					X		X	X			X				
Physical Education Gr. 11 Semester 1						X					X		X	X			X				
Physical Education .20						X					X		X	X			X				
Physical Education Gr. 11 Semester 2						X					X		X	X			X				
Physical Education Gr. 11						X					X		X	X			X				
Weight Training						X					X		X	X			X				
Advanced Lifesaving Year						X					X		X	X			X				
Fitness For Life						X					X		X	X			X				
Health						X					X	X		X			X				
Health S1						X					X	X		X			X				
Health S2						X					X	X		X			X				
Health						X					X	X		X			X				

SCIENCE	P - Course assumes primary responsibility for this expectation																					
	R - Course assumes reinforcing responsibility for this expectation																					
Course Name	Develop Reading Strategies		Written, Oral & Visual Pieces		Problem-Solving Strategies		Technology		Visual &/or Performing Art		Understanding of Themselves & Others		Making Decisions		Promote Life-long Health & Wellness		Manage Their Personal Lives		Understand. of One's Own Rights & Responsibilit.			
	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R
Astronomy		X		X	X		X															
Fundamentals Of Science		X		X	X		X															
Biology I		X		X	X		X										X					
Biology I – Honors		X		X	X		X										X					
Biology II		X		X	X		X										X					
Biology/UCT		X		X	X		X										X					
AP Biology		X		X	X		X										X					
Chemistry I – Honors		X		X	X		X															
Chemistry I		X		X	X		X															
Chemistry II – Honors		X		X	X		X															
AP Chemistry/UCT		X		X	X		X															
Ecology		X		X	X		X															
Regional Marine Studies Program		X		X	X		X															
Physics I		X		X	X		X															
Physics I – Honors		X		X	X		X															
Physics II – Honors		X		X	X		X															
Physics/UCT		X		X	X		X															
AP Physics B		X		X	X		X															
Current Topics in Science		X		X	X		X								X					X		

SOCIAL STUDIES	P - Course assumes primary responsibility for this expectation																				
	R - Course assumes reinforcing responsibility for this expectation																				
Course Name	English Develop Reading Strategies		History Written, Oral & Visual Pieces		Math Problem-Solving Strategies		Science & Business Technology		Visual &/or Performing Art		Understanding of Themselves & Others		Making Decisions		Promote Life-long Health & Wellness		Manage Their Personal Lives		Understand. of One's Own Rights & Responsibilit.		
	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P
Foundation of World Civilizations		X	X			X		X			X			X				X			
Early Modern Civilization		X	X			X		X			X			X				X			
Contemp World Civilizations		X	X			X		X			X			X				X	X		
Early American History & Civics		X	X			X		X			X			X				X	X		
Anthropology		X	X		X			X			X			X							
Modern American Problems		X	X		X			X			X		X					X		X	
Us History 1865-1941/Civics		X	X			X		X			X		X					X	X		
Contemporary United States/Civics		X	X			X		X			X		X					X			
Law And Society		X	X		X			X			X		X					X	X		
World History - Honors/UCONN		X	X			X		X			X			X							
Economics		X	X		X			X			X		X					X		X	
Independent Study Social Studies		X	X			X		X			X		X								X
Political Science & Civics		X	X		X			X			X		X						X		
Psychology		X	X		X			X			X		X			X					
AP Psychology		X	X		X			X			X		X			X					
American Studies	X		X			X		X			X			X						X	

SPECIAL EDUCATION	P - Course assumes primary responsibility for this expectation																				
	R - Course assumes reinforcing responsibility for this expectation																				
Course Name	Develop Reading Strategies		Written, Oral & Visual Pieces		Problem-Solving Strategies		Tech.		Visual &/or Performing Art		Understand of Themselves & Others		Making Decisions		Promote Life-long Health & Wellness		Manage Their Personal Lives		Understand. of One's Own Rights & Responsibilit.		
	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P
Adjusted Curr. Consumer Math					X			X													
Adjusted Curriculum Literature	X		X					X													
Adjusted Curr. Science/Health						X		X							X						
Adjusted Curr. European History			X																		
Adjusted Curriculum U.S. History			X																		
Adjusted Curriculum Reading	X		X					X													
Adjusted Curriculum Mathematics			X		X			X													
Adjusted Curriculum Biology							X														
Adjusted Curriculum Social Study			X					X													
Adjusted Curriculum General Math					X			X													
Adjusted Curr. ReadingWriting	X		X					X													
Adjusted Curriculum Civics			X																		
Adjusted Curriculum Pre-Algebra					X			X													
Guided Learning		X		X		X					X		X					X		X	
Life Skills		X		X		X		X			X			X	X			X		X	
Mvp Work Study Program I				X							X		X					X		X	

TECHNOLOGY ED	P - Course assumes primary responsibility for this expectation																				
	R - Course assumes reinforcing responsibility for this expectation																				
Course Name	Develop Reading Strategies		Written, Oral & Visual Pieces		Problem-Solving Strategies		Technology		Visual &/or Performing Art		Understand. of Themselves & Others		Making Decisions		Promote Life-long Health & Wellness		Manage Their Personal Lives		Understand. of One's Own Rights & Responsibilit.		
	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P
Video Production I		X		X		X	X		X		X		X		X		X		X		X
Video Production II		X		X		X	X		X		X		X		X		X		X		X
Construction Technology		X		X		X	X		X		X		X		X		X		X		X
Advanced Materials Processing		X		X		X	X		X		X		X		X		X		X		X
Woodworking Technology		X		X		X	X		X		X		X		X		X		X		X
Graphics		X		X		X	X		X		X		X		X		X		X		X
Photography I		X		X		X	X		X		X		X		X		X		X		X
Photography II		X		X		X	X		X		X		X		X		X		X		X
Photography III		X		X		X	X		X		X		X		X		X		X		X
Photography IV		X		X		X	X		X		X		X		X		X		X		X
Drafting		X		X		X	X		X		X		X		X		X		X		X
Architectural Drawing I		X		X		X	X		X		X		X		X		X		X		X
Architectural Drawing II		X		X		X	X		X		X		X		X		X		X		X
Electricity Technology		X		X		X	X		X		X		X		X		X		X		X
Pre-Engineering/Drafting-Honors		X		X		X	X		X		X		X		X		X		X		X
Culinary Arts I		X		X		X	X		X		X		X		X		X		X		X
Culinary Arts II		X		X		X	X		X		X		X		X		X		X		X
Careers In Food Preparation		X		X		X	X		X		X		X		X		X		X		X
Interior Design		X		X		X	X		X		X		X		X		X		X		X
Child Development		X		X		X	X		X		X		X		X		X		X		X

WORLD LANGUAGE	P - Course assumes primary responsibility for this expectation																			
	R - Course assumes reinforcing responsibility for this expectation																			
Course Name	Develop Reading Strategies		Written, Oral & Visual Pieces		Problem-Solving Strategies		Technology		Visual &/or Performing Art		Understanding of Themselves & Others		Making Decisions		Promote Life-long Health & Wellness		Manage Their Personal Lives		Understand. of One's Own Rights & Responsibilit.	
	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R
French I		X		X		X		X		X		X		X		X		X		X
French II/French II Honors		X		X		X		X		X		X		X		X		X		X
French III/French III Honors		X		X		X		X		X		X		X		X		X		X
French IV/French IV Honors		X		X		X		X		X		X		X		X		X		X
French V-Honors		X		X		X		X		X		X		X		X		X		X
UCONN French		X		X		X		X		X		X		X		X		X		X
Advanced Placement French Language		X		X		X		X		X		X		X		X		X		X
Fundamentals of Spanish		X		X		X		X		X		X		X		X		X		X
Spanish I		X		X		X		X		X		X		X		X		X		X
Spanish II/Spanish II Honors		X		X		X		X		X		X		X		X		X		X
Spanish III/Spanish III Honors		X		X		X		X		X		X		X		X		X		X
Spanish IV/Spanish IV Honors		X		X		X		X		X		X		X		X		X		X
Spanish V - Honors		X		X		X		X		X		X		X		X		X		X
Advanced Placement Spanish Language		X		X		X		X		X		X		X		X		X		X
UCONN Spanish		X		X		X		X		X		X		X		X		X		X
German I		X		X		X		X		X		X		X		X		X		X
German II/German II Honors		X		X		X		X		X		X		X		X		X		X
German III/German III Honors		X		X		X		X		X		X		X		X		X		X
German IV/German IV Honors		X		X		X		X		X		X		X		X		X		X
Fundamentals of German		X		X		X		X		X		X		X		X		X		X
Latin I - Honors		X		X		X		X		X		X		X		X		X		X
Latin II- Honors		X		X		X		X		X		X		X		X		X		X
Latin III - Honors		X		X		X		X		X		X		X		X		X		X
Latin IV - Honors		X		X		X		X		X		X		X		X		X		X

MASUK HIGH SCHOOL - GRADUATION REQUIREMENTS

COMPREHENSIVE PROGRAM OF STUDY REQUIREMENTS

<u>Subject:</u>	<u>Credits</u>
English	4.00
Social Studies (must pass U.S. History/Civics)	3.00
Science (must pass Biology I)	2.00
Mathematics (three years of Math)	3.00
Physical Education	1.00
Arts/Vocational Education	1.00
Electives	6.00
Drug Awareness Education (15 hrs. per yr.)	
Total	<hr/> 20.00

THE COLLEGE PREPARATORY CERTIFICATE REQUIREMENTS

<u>Subject:</u>	<u>Credits</u>
English	4.00
Social Studies (must pass U.S. History/Civics)	3.00
Mathematics (including Algebra II or Intermediate Algebra II)	3.00
Science (must pass Biology I)	3.50
World Language (3rd level & two years in high school)	3.00 (or 2)
Physical Education	1.00
Arts/Vocational Education	1.00
Electives	4.50 (or 5)
Drug Awareness Education (15 hrs. per yr.)	
TOTAL	<hr/> 23.00

All students must be enrolled in at least 5 credits per year. *Does not include P.E., labs, or internships. All students are encouraged to explore courses in Business Education, Technology Education, Art, Music, Home Economics, and World Languages as part of all curricula.

ABILITY PLACEMENT

Teacher recommendation and department chairperson approval is required for any variance of the guidelines listed below.

- A "B" average in the current "Honors" course is required for continuation in C/W 1 (Honors level).
- A "C-" average in the current "College Prep" course is required for continuation in C/W 2 (College Prep level) and other sequential courses.
- A grade of "A-" in a lower level course is required for a student to transfer to the next higher level course (i.e. from C/W 2 College Prep to C/W 1 Honors).

COLLEGE CREDIT FOR HIGH SCHOOL COURSES

Masuk High School is pleased to offer college level course work to qualified students. Teachers and curricula have been examined and approved to offer college level courses which also meet high school graduation requirements. Students must meet specific criteria established by the college. The status of AP/UCT courses are subject to change based on certification and enrollment.

UConn Early College Experience

UConn Early College Experience (ECE) provides academically motivated students with the opportunity to take university courses while in high school. These challenging courses allow students to preview college work, build confidence in their readiness for college, and earn college credits that provide both an academic and a financial head-start on a college degree.

UConn ECE instructors are high school teachers certified as adjunct professors by the University. UConn ECE faculty foster independent learning, creativity and critical thinking - all important for success in college. **Masuk High School** offers UConn ECE courses in **English, calculus, world history, French, Spanish, physics and biology**. To support rigorous learning, University of Connecticut academic resources, including library and online classroom access, are available to all UConn ECE students.

UConn ECE students must successfully complete the course with a grade of C or above in order to receive University credit. UConn credits are transferable to many colleges and universities.

Students are charged a \$25 per credit processing fee. For additional program information visit: www.ece.uconn.edu.

Official transcripts for all college courses will be available directly from the institutions listed below:

<u>University of Connecticut/UCT</u>		<u>Naugatuck Valley Community College*</u> (credits available to Juniors and Seniors)	
AP Calculus AB/UCT	4 credits	Accounting II	3 credits
AP Chemistry/UCT	8 credits	Algebra II	3 credits
AP English Lang. & Comp./UCT	4 credits	Business Communications	3 credits
AP Physics B/UCT	8 credits	Business Law	3 credits
Biology/UCT	8 credits	Child Development	3 credits
French/UCT	6 credits	Computer Application	3 credits
Spanish/UCT	6 credits	Marketing	3 credits
World History/UCT	6 credits	Personal Finance	3 credits
		Pre-Engineering Drafting	3 credits
		Public Communication	3 credits

AP Courses (CollegeBoard.com has a list of colleges that accept AP credit. This is based on successful completion of the AP exam and changes year to year.) Students enrolling in AP courses must pay nonrefundable AP test registration fee within the first month of school. Students enrolling in AP Courses are expected to take the exam in May. The exam fee must be paid in the first 30 days of school in order to be considered enrolled in the course.

One Credit AP Courses Offered

AP Calculus AB/UCT
AP English Language & Composition
AP English Literature & Composition
AP French Language
AP Psychology (pending College Board author.)
AP Spanish Language
AP Statistics (pending College Board author.)
AP Studio Art: Drawing

.5 Credit AP Courses Offered

AP U.S. History (Cont. U.S. Hist.)
AP U.S. History (Early Am. Hist.)
AP U.S. History (Mod. U.S. Hist./Civics)

1.5 Credit AP Courses Offered

AP Biology (pending Board of Ed approval)
AP Chemistry/UCT
AP Physics B

UCONN EARLY COLLEGE EXPERIENCE PROGRAM AND COURSE DESCRIPTIONS

The following course descriptions are the exact text that is used by the University of Connecticut's Office of the Registrar.

BIOLOGY

BIO 1107: Principles of Biology I – [BIOLOGY/UCT: SEMESTER 1]

May be taken in either order. Four credits. Three class periods and one 3-hour laboratory period. Students may not receive more than 12 credits for courses in biology at the 1000's level. A course in high school level chemistry or concurrent enrollment in CHEM 1127 are recommended for students enrolling in 1107. Designed to provide a foundation for more advanced courses in Biology and related sciences. Topics covered include molecular and cell biology, animal anatomy and physiology (BIOL 1107); ecology, evolution, genetics, and plant biology, (BIOL 1108). Laboratory exercises in BIOL 1107 include dissection of preserved animals.

BIO 1108: Principles of Biology II– [BIOLOGY/UCT: SEMESTER 2]

May be taken in either order. Four credits. Three class periods and one 3-hour laboratory period. Students may not receive more than 12 credits for courses in biology at the 1000's level. A course in high school level chemistry or concurrent enrollment in CHEM 1127 are recommended for students enrolling in 1107. Designed to provide a foundation for more advanced courses in Biology and related sciences. Topics covered include molecular and cell biology, animal anatomy and physiology (BIOL 1107); ecology, evolution, genetics, and plant biology, (BIOL 1108). Laboratory exercises in BIOL 1107 include dissection of preserved animals.

CHEMISTRY

CHEM 1127Q: General Chemistry I – [AP CHEMISTRY/UCT: SEMESTER 1]

Four credits. Three class periods and one 3-hour laboratory period. Students who have passed CHEM 1122 will receive only 2 credits for CHEM 1127 but 4 credits will be used for calculating the GPA. CHEM 1127 is not open for credit to students who have passed CHEM 1124 or 1137 or 1147; CHEM 1128 is not open to students who have passed CHEM 1126 or 1138 or 1148. Recommended preparation for CHEM 1127Q; MATH 1010 or equivalent.

Designed to provide a foundation for more advanced courses in chemistry. Atomic theory; laws and theories concerning the physical and chemical behavior of gases, liquids, solids, and solutions. Properties of some of the more familiar elements and their compounds. Quantitative measurements illustrating the laws of chemical combination in the first semester lab. Equilibrium in solutions and qualitative reactions of the common cations and anions in the second semester lab.

CHEM 1128Q: General Chemistry II - [AP CHEMISTRY/UCT: SEMESTER 2]

Four credits. A continuation of CHEM 1127Q.

ENGLISH

ENGL 1010: Seminar in Academic Writing – [AP ENGLISH LANG. & COMP./UCT: SEM 1]

Four credits. Not open for credit to students who have passed ENGL 105. Students placed in ENGL 1004 must pass that class before enrolling in ENGL 1010.

Instruction in academic writing through interdisciplinary reading. Assignments emphasize interpretation, argumentation, and reflection. Revision of formal assignments and instruction on grammar, mechanics and style.

ENGL 1011: Seminar in Writing Through Literature – [AP ENGLISH LANG. & COMP./UCT: SEM 2]

Four credits. Not open for credit to students who have passed ENGL 109. Students placed in ENGL 1004 must pass that class before enrolling in ENGL 1011.

Instruction in academic writing through literary reading. Assignments emphasize interpretation, reflection and argumentation. Revision of formal assignments and instruction on grammar, mechanics and style.

FRENCH

FREN: 3267: French Language and Culture – [FRENCH/UCT: SEMESTER 1]

Three credits. The study of French and Francophone culture through fiction, non-fiction, journalism and film. Emphasis on perfecting both oral and written expression through discussion, presentations, and composition on assigned topics.

FREN 3268W: Writing in French – [FRENCH/UCT: SEMESTER 2]

Prerequisite: ENGL 1010 or 1011 or 3800. Recommended preparation: FREN 1164 or 1175 or three years of high school French or instructor consent.

Three credits. Advanced study of French texts and extensive written practice in a variety of forms ranging from compositions, essays, summaries and film reviews.

HISTORY

HIST 1300: Western Traditions Before 1500 – [WORLD HISTORY/UCT: SEMESTER 1]

Three credits. An analysis of the traditions and changes which have shaped Western political institutions, economic systems, social structures and culture in ancient and medieval times.

HIST 1400: Modern Western Traditions – [WORLD HISTORY/UCT: SEMESTER 2]

Three credits. History of political institutions, economic systems, social structures, and cultures in the modern Western world.

MATHEMATICS

MATH 1120Q: Introductory Calculus I – [AP CALCULUS AB/UCT]

Four credits. Four class periods. Recommended preparation: MATH 1010, 1011 or the equivalent. Students cannot receive credit for MATH 1120 and either MATH 1131, 120, or 1151. Students who have not passed the Calculus Placement Survey take this course rather than MATH 1131 or 120.

Limits, derivatives, and extreme values of algebraic functions, with supporting algebraic topics.

PHYSICS

PHYS 1201Q: General Physics 1 – [PHYSICS/UCT: SEMESTER 1]

Four credits. Three class periods and one 3-hour laboratory period. Prerequisite: MATH 1060 or 1110 or 1120 or passing score on the Calculus Placement Survey or equivalent. PHYS 1201 not open for credit to students who have passed PHYS 1401, 1501 or 1601. PHYS 1202 not open for credit to students who have passed PHYS 1402, 1502 or 1602. PHYS 1201 required for PHYS 1202.

Basic facts and principles of physics. The laboratory offers fundamental training in precise measurements.

PHYS 1202Q: General Physics II- – [PHYSICS/UCT: SEMESTER 2]

Four credits. Three class periods and one 3-hour laboratory period. Prerequisite: MATH 1060 or 1110 or 1120 or passing score on the Calculus Placement Survey or equivalent. PHYS 1201 not open for credit to students who have passed PHYS 1401, 1501 or 1601. PHYS 1202 not open for credit to students who have passed PHYS 1402, 1502 or 1602. PHYS 1201 required for PHYS 1202.

Basic facts and principles of physics. The laboratory offers fundamental training in precise measurements.

SPANISH

SPAN 3177: Composition & Reading for Spanish Speakers – [SPANISH/UCT: SEMESTER 1]

Three credits. Prerequisite: Consent of instructor.

Grammar, written composition, and readings for speakers of Spanish with little or no formal training. Emphasis is on Puerto Rican literature.

SPAN 3178: Intermediate Spanish Composition - [SPANISH/UCT: SEMESTER 2]

Three credits. Prerequisite: SPAN 1004 or three or more years of Spanish in high school.

This course provides a thorough review of grammar and methodical practice in composition leading to command of practical idioms and vocabulary.

I N D E P E N D E N T S T U D I E S

4450	Grade 12-Honors	C/W 1	Credit .50	(R3, W3, N1, PS2, T2, RE4, H3)
	Grade 12	C/W 2	Credit .50	(R3, W3, N1, PS2, T2, RE4, H3)
4470	Grade 12-Honors	C/W 1	Credit 1.00	(R3, W3, N1, PS2, T2, RE4, H3)
	Grade 12	C/W 2	Credit 1.00	(R3, W3, N1, PS2, T2, RE4, H3)

Students wishing Independent Studies may select their own topics. A written proposal must be submitted to their guidance counselor for approval by the Independent Studies Committee. Students will only be registered for Independent Studies after final approval from the Committee.

Most of the research and writing is done in the library. Periodic conferences with the teacher, written reports and the quality of the research determine the grade and extent of credit earned.



Virtual High School
Course Offerings 2008-2009



The following courses are offered by Virtual High School inc. For more information, please visit their website at www.goVHS.org.

All courses are considered to be elective credits and will be treated as transfer credit on your Masuk High School transcript. School sponsored spaces are limited.

AP Courses

AP Art History
AP Biology
AP Calculus AB
AP Calculus BC
AP Computer Science A
AP Economics: Micro and Macro
AP English Language and Composition
AP English Literature and Composition
AP Environmental Science
AP French Language
AP Government & Politics U.S.
AP Physics B
AP Physics C
AP Psychology
AP Spanish Language/Spanish V
AP Statistics
AP U.S. History

International Baccalaureate

IB Economics
IB Information Technology in a Global Society

Arts

American Popular Music*
AP Art History
Art and the Internet
Art History: Renaissance to Present
Caribbean Art History
Creating Art History*
History and Pop Music*
History of Photography
Music Composition and Arranging*
Music Composition: Western Tonal Harmony*
Music Listening and Critique*

Business

Business and Personal Law
Entrepreneurship: Starting Your Own Business
Entrepreneurs: Business Owners of the 3rd Millennium
International Business: An Exploration
Introduction Business: An Exploration
Introduction to Statistics*
Investing in the Stock Market
Learning to Invest in the Stock Market
Marketing and the Internet

Foreign Language

AP French Language
AP Spanish Language/Spanish V
Basic Mandarin: Chinese Language and Culture
Latin 1
Portuguese 1
Spanish Culture and 20th Century Hispanic Lit.
Writing in Spanish

Language Arts

101 Ways to Write a Short Story
Academic Writing*
AP English Language and Composition
AP English Literature and Composition
Around the World in 80 Days*
Basic Essay Writing
Contemporary Irish Literature*
Creative Writing for People Who Mean It
Cultural Identity Through Literature
Folklore and Literature of Myth, Magic, and Ritual
Ghoulies, Ghosties, and Long-Legged Beasties*
Hearts of Darkness Meeting Ourselves in Literature
Heroes
Horror, Mystery and Science Fiction Literature
Introduction to English Language and Composition
Literary Skills for the 21st Century*
Mythology: Stories from Around the World*
Poetry Writing
Poetry: Contemporary American Poets*
Reading and Writing the Science Fiction Short Story
Screenwriting Fundamentals*
Shakespeare in Films
To Kill a Mockingbird*
Writing and Telecommunications*
Young Adult Literature*

Life Skills/Health

Career Awareness for the New Millennium*
Employability Skills*
Kindergarten Apprentice Teacher
Parenting in the Twenty-First Century*
Perspectives in Health
Preparing for College Admissions and Financial Aid
Who Do I Want To Be When I Grow Up?*

Personal Finance
Statistics and Business Quality Management

Math

Algebra 1*
Algebra 2*
Algebra 2 Honors
AP Calculus AB
AP Calculus AC
AP Statistics
Calculus for Business
Introduction to Calculus AB
Introduction to Statistics*
Math You Can Use in College
Mathematical Reasoning and Logic
Mathematics of Electricity*
Number Theory*
Statistics and Business Quality Management*

Science

Anatomy & Physiology: A Study in Stability
Animal Behavior and Zoology
Advanced Topics in Chemistry
AP Biology
AP Environmental Science
AP Physics B
AP Physics C
Astronomy Basics
Astronomy: Stars and the Cosmos
Bioethics Symposium
Biotechnology
Chemistry II: Chemicals of Civilization
DNA Technology
Environmental Chemistry
Environmental Science-The World Around Us
Epidemics: Ecology or
Evolution
Forensic Science
Genes and Disease
Integrated Mechanical Physics
Introduction to Biology*
Introduction to Chemistry*
Introduction to Environmental Science*
Introduction to Physics B*
Meteorology: A Study of Atmospheric Interactions*
Nuclear Physics: Science, Technology & Society
Oceanography: A vital Semester at Sea*
Physics for Inquiring Minds
Preventing Medicine
The Human Body

Social Studies

American Foreign Policy
American Multiculturalism
AP Economics: Micro and Macro
AP Government & Politics: U.S.
AP Psychology
AP U.S. History
Community Service-Learning*
Constitutional Law
Criminology
Current Issues in American Law and Justice
Democracy in America?*Eastern and Western Thought
Film and Literature: The European Experience
Gods of CNN: The Power of Modern Media
IB Economics
IB Information Technology in a Global Society
Introduction to Economics*
Introduction to Government*
Introduction to Psychology
Introduction to U.S. History*
Lewis and Clark's Expedition*
Peacemaking
Pearl Harbor to the Atomic Bomb
Philosophy 1
Psychology 1
Sociology*
Sports and American Society
The Glory of Ancient Rome
The Golden Age of Classical Greece
The Holocaust
The Vietnam War

Western Cultural Humanities
Who Do I Want To Be When I Grow Up?
World Conflict, A United Nations Introduction
World Religions

Technology/Tech Ed.

Advanced Web Design*
Animation and Effects: Flash MX Basics*
AP Computer Science A
CAD*
Computational Science and Engineering Using Java
Desktop Publishing: In an Informational Age*
Engineering Principles
IB Information Technology in a Global Society
Introduction to Computer Science
Programming in Visual Basic*
Technology and Multimedia*
Web Design and Internet Research*
Web Design: Artistry and Functionality*



CLASS RANK

Pertains to the Classes of 2009 and 2010.

Rank in Class - Quality Point Average

The computation of rank in class is based on course weight and grades earned. Each course description indicates a course weight value, which is determined by the course level of difficulty.

Course Weight

<u>Grade</u>	<u>Honors</u>	<u>College Preparatory</u>	<u>General</u>
A+	5.0	4.3	3.3
A	5.0	4.0	3.0
A-	4.7	3.7	2.7
B+	4.3	3.3	2.3
B	4.0	3.0	2.0
B-	3.7	2.7	1.7
C+	3.3	2.3	1.3
C	3.0	2.0	1.0
C-	2.7	1.7	0.7
D	1.4	1.0	0.4
F	0	0	0

The honor and high honor roll will be determined using an unweighted 4.0 grading scale with the following conditions:

- High Honors: 3.7 or better w/ no grade less than a B.
- Honors: 3.0 or better w/ no grade less than a C+.
- (This includes partial credit courses such as Health and Physical Education.)

Beginning with the Class of 2011

GPA/WGPA

Starting with the Class of 2011, class rank will no longer be reported on transcripts.

A histogram depicting the disbursement of Weighted G.P.A. and G.P.A. (unweighted) will be placed on all transcripts starting w/ the class of 2011. This will give students, colleges and universities a general comparison of how each student performed relative to his or her peers.

Each individual student's Weighted G.P.A. and G.P.A. will be indicated on transcripts starting in the 2007– 2008 school year.

G.P.A. on a 4.0 scale	
A+	4.0
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D+	1.3
D	1.0
D-	.7
F	0

WEIGHTED G.P.A. on a 5.0 scale			
Grade	Honors C/W 1	College Prep C/W 2	General C/W 3
A+	5.0	4.5	4.0
A	5.0	4.5	4.0
A-	4.7	4.2	3.7
B+	4.3	3.8	3.3
B	4.0	3.5	3.0
B-	3.7	3.2	2.7
C+	2.8	2.8	2.3
C	2.5	2.5	2.0
C-	2.2	2.2	1.7
D+	1.8	1.8	1.3
D	1.5	1.5	1.0
D-	1.2	1.2	.7
F	0	0	0

Students must be in attendance at Masuk High School for four (4) semesters to be considered for recognition as class valedictorian or salutatorian.

The valedictorian and salutatorian of each class will be identified at the close of the third quarter of their senior year using the WGPA. Each will be invited to deliver a speech at graduation commencement. The top ten students in each class will be identified at the close of the third quarter of their senior year using the WGPA. Each will be recognized alphabetically during graduation commencement. A student must complete a minimum of four (4) semesters at Masuk High School to be determined in the top ten, valedictorian, or salutatorian.

All academic classes at Masuk High School are designated a course weight so that students and parents can make informed choices regarding appropriate scheduling of classes. All courses are designed to challenge each student's intellect at an appropriate level. Teachers and guidance counselors will assist students and parents in the scheduling process in order to ensure that students are placed in appropriate courses.

A Weighted Grade Point Average (WGPA) and a Grade Point Average (GPA) will be provided for each student at Masuk High School. The WGPA will be calculated on a 5.0 scale based upon grades earned in courses designated as Honors, College Prep, or General (see WGPA chart). The GPA will be calculated on a 4.0 scale based upon grades earned in all courses, both weighted and unweighted (see GPA chart). Masuk High School encourages all students to enroll in a wide range of elective offerings in the Arts, Business, Music, and Technology Education. These "unweighted" classes will have no effect upon a student's WGPA. Student achievement in all elective class offerings will carry weight equal to all other classes in the calculation of the GPA.

WGPA:

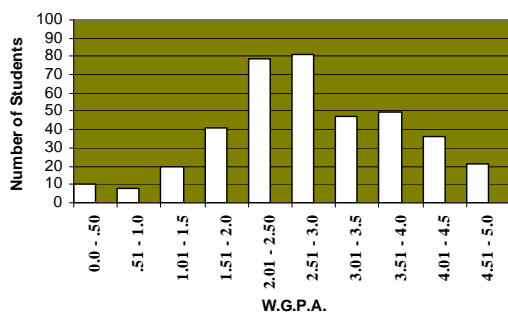
Grade	Honors C/W 1	College Prep C/W 2	General C/W 3
A+	5.0	4.5	4.0
A	5.0	4.5	4.0
A-	4.7	4.2	3.7
B+	4.3	3.8	3.3
B	4.0	3.5	3.0
B-	3.7	3.2	2.7
C+	2.8	2.8	2.3
C	2.5	2.5	2.0
C-	2.2	2.2	1.7
D+	1.8	1.8	1.3
D	1.5	1.5	1.0
D-	1.2	1.2	.7
F	0	0	0

GPA:

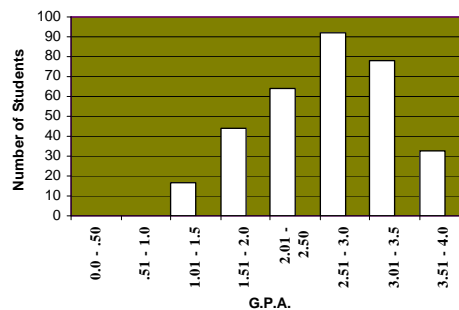
Grade	
A+	4.0
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D+	1.3
D	1.0
D-	.7
F	0

Histograms: WGPA AND GPA:

Weighted Grade Point Average (W.G.P.A.) Distribution



Grade Point Average (G.P.A.) Distribution



The valedictorian and salutatorian of each class will be identified at the close of the third quarter of their senior year using the WGPA. Each will be invited to deliver a speech at graduation commencement. The top ten students in each class will be identified at the close of the third quarter of their senior year using the WGPA. Each will be recognized alphabetically during graduation commencement. A student must complete a minimum of four (4) semesters at Masuk High School to be determined in the top ten, valedictorian, or salutatorian.

TRANSFER STUDENTS

Only course work completed at Masuk High School is tabulated into WGPA and GPA. Course work completed in other secondary schools will be included on the Masuk transcript only as part of the student's permanent record.

Each quarter, the GPA calculation will be used to determine the High Honor Roll and Honor Roll according to the following guidelines:

- High Honor Roll: 3.7 or better w/ no grade less than a B.
- Honor Roll: 3.0 or better w/ no grade less than a C+.
- (ALL classes listed on quarterly report cards will be used to determine qualification for the High Honor Roll and the Honor Roll. This INCLUDES partial credit courses such as Health and Physical Education.)

ACADEMIC ELIGIBILITY FOR STUDENT ATHLETES

1. The following represents Masuk's Athletic Academic Eligibility:

1. A student-athlete must be enrolled in at least five (5) classes or Carnegie Units of work or the equivalent. A Carnegie Unit of work is defined as a course that meets for "200 minutes of recitation during a period of five consecutive school days."
2. For fall sports eligibility for incoming 9th graders, a student-athlete must be a continuing student (eighth to ninth grade). Transferring student must have received credit for four (4) units or its equivalent toward graduation at the conclusion of the school year preceding the contest (Rule I.A.).
3. Other than students covered in number two, a student-athlete must maintain a 1.7 non-weighted grade point average at the conclusion of the previous academic quarter and pass four (4) Carnegie Units of work or the equivalent to remain eligible. Fall athletes not achieving a 1.7 non-weighted grade point average or not passing four (4) Carnegie Units of work or the equivalent in the 4th quarter of the prior year may use summer school credit to maintain eligibility.
4. Marking period grades (not semester grades) are to be used in determining scholastic eligibility.

A student-athlete earning a D or an F on their progress report or report card be placed on **academic probation**. Once a student-athlete is placed on academic probation, it will be the student's responsibility to attend weekly extra-help sessions in the specific course in which they received a D or an F.

A student-athlete will remain on academic probation until academic results have improved as documented by official progress report grades or official end of quarter grades. This policy will begin with the 2008/2009 school year.

2. NCAA:

The NCAA has established grade point average in CORE courses and SAT I Score requirements for Division I and II college athletes. Division III athletes are not regulated in this manner. Counselors have a list of approved core courses.

Juniors must make an appointment with their counselor to specifically determine their eligibility.

Masuk's Grade Point Average and the NCAA's Grade Point Average are based on different courses and therefore are different.

The NCAA CORE grade point average is determined by the final letter grade in a course after dropping any plus (+) or minus (-); Honors courses are NOT given any additional weight in this G.P.A. SAT I may be taken a number of times; the highest Verbal and the highest Math scores will be utilized.

Students should log onto www.ncaaclearinghouse.net to register with the NCAA. Students should download the signature page and bring that to their counselor in June of their junior year. Students must return this page in order for their transcript to be sent. As soon as final grades are on the transcripts they will be forwarded to the Clearinghouse in Iowa upon payment of the appropriate fee.

BUSINESS EDUCATION

Course Summary

	10	11	12	Accounting I	2230		1.00
		11	12	(N) Accounting II	2430		1.00
		11	12	(N) Business Communications	2400 *	C/W 2	1.00
		11	12	(N) Business Law	2760 ***		1.00
	10	11	12	College and Personal Keyboarding	2450		.50
	10	11	12	(N) Computer Applications	2650		1.00
	10	11	12	Computer Technology I	2010	C/W 2	.50
		11	12	Computer Technology II	2040	C/W 2	.50
			12	Computerized Accounting	2330		1.00
		11	12	Integrated Computer Applications	2750		1.00
		11	12	International Business (pending Board approval)	2700		1.00
9	10	11	12	Keyboarding	2550		1.00
	10	11	12	(N) Marketing	2340		1.00
	10	11	12	Math for the Consumer	5080	C/W 3	.50
	10	11	12	Microsoft Word	2850		.50
9	10	11	12	(N) Personal Finance	2150 ***		1.00
		11	12	(N) Public Communication	1220 *	C/W 2	.50
	10	11	12	Recordkeeping	5030 **	C/W 3	1.00
	10	11	12	Speedwriting I - College/Business	2540		.50
	10	11	12	Speedwriting II - Notetaking	2640		.50
			12	Sports & Entertainment Marketing (pending Board approval)	2710		1.00
9	10	11	12	Web Page Design	2010		.50
	10	11	12	Web Page Design – Independent Study	2050		.50

* English Credit

** Mathematics Credit

*** Social Studies Credit

(N) Naugatuck Valley Community College (College Career Pathways – College Credit Program) (available to Juniors and Seniors)

THE FOLLOWING ARE THE GOALS OF THE BUSINESS PROGRAM:

1. To provide quality academic courses which prepare students for a wide range of careers, advanced education, and life-long learning.
2. To offer a wide range of courses that strengthen essential skills including communication, numeracy, literacy, computer-related technology, and problem solving.
3. To develop a student's career interest and leadership ability through participation in the business-oriented organization (FBLA) and community service activities.

ACCOUNTING I

Math Credit

2230 Grades 10, 11, 12 Credit 1.00 (R1, W1, N3, PS3, T1, RE1, H2)

Accounting I is designed to provide competence in positions which require basic accounting skills. The course includes financial accounting procedures and terminology for a sole proprietorship and partnership. It also provides a basis for any student planning to attend college to major in accounting, business-related areas, or computer fields, and provides a basis for management of personal finances.

NOTE: This course fulfills one of the math credit requirements for graduation.

PREREQUISITE: Algebra I

ACCOUNTING II **College Career Pathways (College Credit) Program**
Math Credit

2430 Grades 11, 12 Credit 1.00 **(R1, W1, N3, PS3, T1 RE1, H2)**
 NVCC (ACC*H113) Credits 3.00

This subject expands on the accounting learned in Accounting I. It includes departmental and payroll accounting, inventory planning and valuation, and general accounting adjustments (uncollectible accounts, depreciation, notes payable, prepaid expenses, accrued expenses, notes receivable, unearned revenue, and accrued revenue).

NOTE: This course fulfills one of the math credits required for graduation.

PREREQUISITE: Accounting I

BUSINESS COMMUNICATIONS **College Career Pathways (College Credit) Program**
English Credit

2400 Grades 11, 12 C/W 2 Credit 1.00 (R1, W2, T1, RE1, H1)
 NVCC (BBG*H210) Credits 3.00

Business Communications is a course designed to develop accuracy and sensitivity in the use of words and the planning and organizing of messages through the effective use of oral and written language.

SPECIFIC REQUIREMENTS:

1. Public speeches
2. Resume (employment)
3. Career folder showing writing samples

PREREQUISITE: Literary Genres 1020

NOTE: This course fulfills one of the English credits required for graduation.

BUSINESS LAW **College Career Pathways (College Credit) Program**
Social Studies Credit

2760 Grades 11, 12 Credit 1.00 **(R2, W1, N1, PS2, T1, RE1, H1)**
 NVCC (BBG*H231) Credits 3.00

This interesting and important course in business law covers the basic legal principles which should be known by anyone eighteen years of age or older who is engaged in everyday activities and seeking to avoid involvement in litigation. The course covers such subjects as law for minors, contracts, fraud, employment, landlord/tenant law, insurance, business ownership, and legal rights and responsibilities. Curriculum also includes a mock trial.

NOTE: This course fulfills one of the Social Studies credits required for graduation.

COLLEGE AND PERSONAL KEYBOARDING

2450 Grades 10, 11, 12 Credit .50 **(R1, W1, T4, H1, N1)**

A one-semester personal keyboarding course recommended for the college-bound student. Students develop basic keyboarding and computer skills using computers. The students will be involved in preparing personal letters, memorandums, reports, outlines, and tables. *Highly recommended for college-bound students.*

PREREQUISITE: Students who have completed Keyboarding #2250 **are not eligible** to enroll in this course.

COMPUTER APPLICATIONS College Career Pathways (College Credit) Program

2650 Grades 10, 11, 12 Credit 1.00 (R1, W1, T3, H1, N1)
NVCC (CSA*H105) Credits 3.00

This course is designed to allow students to further their knowledge of various computer applications. The course will focus on learning intermediate techniques of Microsoft Word, Excel, Access and PowerPoint.

PREREQUISITE: Keyboarding or College and Personal Keyboarding

COMPUTER TECHNOLOGY I

2010 Grades 10, 11, 12 C/W 2 Credit .50 (R1, W 1, N1, PS2, T3, RE1, H1)

This course is designed to provide an understanding and exposure to information technology and data communication as it relates to the personal computer in a project based, hands on, lab setting. Computer Tech I will be dedicated to diagnosing and upgrading of stand alone PC's, installing operating systems and investigating alternate operating systems as Linux, BSD Unix, and Xandros. Throughout the course, students will explore evolving data communication technologies and the changing roles of information systems in society.

COMPUTER TECHNOLOGY II

2040 Grades 11, 12 C/W 2 Credit .50 (R1, W1, N1, PS2, T3, RE1, H1)

This course is designed as a continuation of the concepts explored in Computer Technology I. This course explores advanced topics in IT such as LAN and WAN technologies, network security, maintaining and installing servers, network troubleshooting, investigating network operating systems such as Windows, Unix, and Linux, etc. The course will also explore other technology topics such as cell phones, PDA's, etc.

PREREQUISITE: Computer Technology I

COMPUTERIZED ACCOUNTING

2330 Grade 12 Credit 1.00 (R2, W1, N3, PS3, T3, RE1, H1)

In this course students will further their understanding of accounting concepts and procedures in an automated environment as well as develop a marketable skill. Through the use of realistic transactions and widely used accounting software programs, students will see first-hand how various types of computer software programs are used in the accounting profession.

PREREQUISITE: Accounting II

INTEGRATED COMPUTER APPLICATIONS

2750 Grades 11, 12 Credit 1.00 (R1, W1, T3, H1)

Through project-based activities, students will expand their knowledge of Microsoft Word, Excel, Access and PowerPoint to create advanced documents, spreadsheets, databases and presentations. Throughout the course, students will be working in a specific department within a business. Each project, within a department, includes four or more related jobs requiring students to use all programs learned.

PREREQUISITE: Computer Applications

INTERNATIONAL BUSINESS (Pending Board approval)

2700 Grades 11, 12 Credit 1.00 (R2, W2, N1, PS1, T1, RE1, H1)

With the rise of globalization in today's business environment, this course is designed to enable students to develop an understanding of the concepts and issues surrounding international business. This full year course will cover topics such as the impact of international business on marketing, financial and accounting practices as well as the cultural and social influences that affect international communication. The course will also expose students to the political, legal, economic, and geographic influences that play a major part in international business.

PREREQUISITE: None

KEYBOARDING

2550 Grades 9, 10, 11, 12 Credit 1.00 (R1, W1, T4, RE1, H1)

The course in keyboarding is designed to enable students to learn correct use of the keyboard, to learn key locations by the touch method, and develop basic document processing skills to create letters, memorandums, reports, and tables using computers. This will develop a degree of skill that will provide a satisfactory foundation on which to build a marketable skill in the advanced course. *Highly recommended for college-bound students.*

MARKETING College Career Pathways (College Credit) Program

2340 Grades 10, 11, 12 Credit 1.00 (R1, W1, N2, PS2, T1, RE2, H2)
NVCC (BMK*H201) Credits 3.00

Marketing is an exciting field with unlimited opportunities. This hands on course will allow students to understand how products are developed and sold. Topics covered will include basic marketing concepts, economics, distribution, advertising, packaging, research, and more. Students will assess their role as an employee and examine career opportunities in marketing, management, and merchandising. Students will manage and promote the Masuk School Store (The Mart) and are strongly recommended to join DECA.

MATHEMATICS FOR THE CONSUMER

Math Credit

5080 Grades 10, 11, 12 C/W 3 Credit .50 (R1, W1, N3, PS1, T2, RE1, H3)

This one-semester course will help students develop the math skills needed to solve typical problems encountered as a consumer. The major areas covered will include earning money, spending money, borrowing money, and understanding business operations. Topics covered will include fringe benefits, figuring equivalent pay, housing costs, household expenses, income taxes, salaries, wages, stocks, metrics, energy savings, costs of energy, credit cards and transportation costs.

NOTE: This course fulfills one-half of a math credit required for graduation.

PREREQUISITE: Basic Math Skills

MICROSOFT WORD

2850 Grades 10, 11, 12 Credit .50 (R1, N1, PS1, T3, H1)

This course is designed to enable students to become proficient with Microsoft Word and to be able to use these skills in various classes on the high school and college level, for personal-use situations, and for entry-level employment. Students will gain an understanding of word processing concepts and how they relate to various types of documents.

PREREQUISITE: Keyboarding or College and Personal Keyboarding

PERSONAL FINANCE College Career Pathways (College Credit) Program
Social Studies Credit (Elective)

2150 Grades 9, 10, 11, 12 Credit 1.00 **(R2, W2, N3, PS2, T1, RE1, H1)**
NVCC (ECN*H130) Credits 3.00

Personal Finance is devoted to the study of managing one's personal finances and planning one's financial future. Basic facts about money management, risk management, consumer rights and responsibilities, and financial services will be explored.

NOTE: This course fulfills one of the Social Studies credits for graduation.

PUBLIC COMMUNICATION College Career Pathways (College Credit) Program

English Credit

1220 Grades 11, 12 C/W 2 Credit .50 **(R2, W2, N1, PS2, T2, RE3, H3)**
NVCC (H108) Credits 3.00

This one-semester course will focus on the principles and practices of public communication, skills in organizing information for public address, developing persuasive techniques, and adapting material to the needs of a particular audience. Students will learn to synthesize reading, speaking, listening, and writing for oral communication. Students will receive English and Business credit.

NOTE: This course fulfills one of the English credits for graduation.

RECORDKEEPING

Math Credit

5030 Grades 10,11,12 C/W 3 Credit 1.00 **(R1, W1, N3, PS1, T2, RE1, H3)**

This subject acquaints the student with numerous financial topics and provides opportunities for the maintenance of business and personal records. Students are involved in learning cashier activities, checking procedures, budget analysis, payroll practices and the keeping of records for a small business.

NOTE: This course fulfills one of the math credits required for graduation.

SPEEDWRITING I - College & Business

2540 Grades 10,11,12 Credit .50 **(R1, H2, N1)**

Speedwriting is designed to teach an alphabetic shorthand system for notetaking. It is a one-semester course for students interested in learning a brief writing system. It is a rapid, easy-to-learn writing tool used by students and professionals to take notes and dictation. It is useful while in high school or college and in business and personal activities. There is a reinforcement of basic English, spelling, proofreading, and other necessary transcription skills. *Highly recommended for college-bound students.*

SPEEDWRITING II - Notetaking

2640 Grades 10,11,12 Credit .50 **(R1, T1, H2, N1)**

In Speedwriting II, students will apply the skills learned in Speedwriting I to increase their efficiency in notetaking. This course will help students become selective about which information to include in their notes and how to take notes efficiently. Students will learn to assess their strengths and weaknesses in such areas as notetaking, listening, time management, study habits, lecture retention, test taking, library skills, and preparation of research papers.

PREREQUISITE: Speedwriting I

SPORTS and ENTERTAINMENT MARKETING (Pending Board approval)

2710 Grade 12 Credit 1.00 (R1, W1, N1, PS2, T2, RE2, H2)

This full-year course is designed to provide students with an understanding of marketing concepts as they relate to the growing Sports and Entertainment Industry. Instruction will focus on key topics such as, public relations, event planning, sponsorship, licensing and career planning,. It is highly recommended that students enrolled in this course join DECA.

PREREQUISITE: Marketing

WEB PAGE DESIGN

2000 Grades 9, 10, 11, 12 Credit .50 (R2, W1, N1, PS1, T3, RE1, H1)

This course is designed to provide students with an intermediate level of knowledge, understanding, and skill of web page design. The course will provide students with the ability to use three prominent web design programs: Dreamweaver MX, Fireworks MX, and Flash MX.

PREREQUISITE: "B" or better in Algebra I

WEB PAGE DESIGN – INDEPENDENT STUDY

2050 Grades 10, 11, 12 Credit .50 (R3, W1, N1, PS1, T3, RE1, H1)

This course is designed to extend student’s knowledge, understanding, and skill of web page design. Dynamic web pages, PHP programming, and Flash movies will be the focus of the course.

PREREQUISITE: Web Page Design

B U S I N E S S W O R K E X P E R I E N C E P R O G R A M

Course Summary

11	Business Work Experience (first year)	0350	C/W 3	1.00
12	Business Work Experience (first year)	0450	C/W 3	1.00
12	Business Work Experience (second year)	0550	C/W 3	1.00
11 12	Business Work Experience Practical	0700		

BUSINESS WORK EXPERIENCE PROGRAM

0350	Grade 11	Credit 1.00	(R2, W2, N1, PS1, T1, RE1, H1)
0450	Grade 12 (<i>first year in program</i>)	Credit 1.00	(R2, W2, N1, PS1, T1, RE1, H1)
0550	Grade 12 (<i>second year in program</i>)	Credit 1.00	(R2, W2, N1, PS1, T1, RE1, H1)
0700	Grade 11,12		(R2, W2, N1, PS1, T1, RE1, H1)

This program is designed primarily for students who do not plan to continue their formal education after graduation. It provides each student with marketable skills for a future job in the business and industrial community. The program is based on the premise that "on-the-job" training in an occupation for which the student has an aptitude is a worthy compliment to the classroom. Students will receive one credit for accumulating four hundred work hours during the school year.

PREREQUISITES:

1. Students must be sixteen years or older at the beginning of the school year.
2. Students are responsible for providing transportation to and from work stations.
3. Students must have a social security number.

COMPUTER STUDY

Course Summary

10	11	12	(N)	Computer Applications	2650		1.00
10	11	12		Computer Graphics	7430		1.00
10	11	12		Computer Programming I	2985	C/W 2	1.00
	11	12		Computer Programming II – Java	2990	C/W 2	1.00
10	11	12		Computer Technology I	2010	C/W 2	.50
	11	12		Computer Technology II	2040	C/W 2	.50
		12		Computerized Accounting	2330		1.00
	11	12		Independent Study–Advanced Computer Programming	2970	C/W 2	.50
	11	12		Integrated Computer Applications	2750		1.00
10	11	12		Microsoft Word	2850		.50
9	10	11	12	The PC Environment	2060	CW/2	.50
	11	12		Video Production I	7020		1.00
		12		Video Production II	7030		1.00
9	10	11	12	Web Page Design	2000		.50
	10	11	12	Web Page Design – Independent Study	2050		.50

**(N) Naugatuck Valley Community College Career Pathways
(College Credit Program) (available to Juniors and Seniors)**

COMPUTER APPLICATIONS College Career Pathways (College Credit Program)

2650 Grades 10, 11, 12 Credit 1.00 (R1, W1, T3, H1, N1)
 NVCC (CSA*H105) Credits 3.00

This course is designed to allow students to further their knowledge of various computer applications. The course will focus on learning intermediate techniques of Microsoft Word, Excel, Access and PowerPoint.

PREREQUISITE: Keyboarding or College and Personal Keyboarding

COMPUTER GRAPHICS

7430 Grades 10,11,12 Credit 1.00 (R2, W 1, N1, PS2, T3, RE1, H1)

This course provides instruction in Macintosh operation. The students will be taught the fundamentals of Quark Express 3.32 and its application. The student will be required to produce all the documentation necessary to run a successful business such as Logo creation, business cards, letterheads, flyers, applications, multi-panel and multi-page brochures.

PREREQUISITE: Photography I, Instructors Approval Required

COMPUTER PROGRAMMING I

2985 Grades 10,11,12 C/W 2 Credit 1.00 (R2, W 1, N1, PS2, T3, RE1, H1)

This course will develop problem solving skills, flow-charting skills, input/output techniques and develop program writing skills using the language BASIC, and extend that knowledge to the use of subscripted variables, special functions, sorts, subroutines, sequential and random access files.

PREREQUISITE:

Grade 10 Department Chairperson approval
 Grade 11,12 Math courses must include 5211, 5221, or 5510, 5521

COMPUTER PROGRAMMING II - Java

2990 Grades 11,12 S1 C/W 2 Credit 1.00 (R2, W 1, N1, PS2, T3, RE1, H1)

This course will develop students' skills in other computer programming languages, particularly Java.

PREREQUISITE: Successful completion of Computer Programming I

COMPUTER TECHNOLOGY I

2010 Grades 10, 11, 12 C/W 2 Credit .50 (R2, W 1, N1, PS2, T3, RE1, H1)

This course is designed to provide an understanding and exposure to information technology and data communication as it relates to the personal computer in a project based, hands on, lab setting. Computer Tech I will be dedicated to diagnosing and upgrading of stand alone PC's, installing operating systems and investigating alternate operating systems as Linux, BSD Unix, and Xandros. Throughout the course, students will explore evolving data communication technologies and the changing roles of information systems in society.

COMPUTER TECHNOLOGY II

2040 Grades 11, 12 C/W 2 Credit .50 (R2, W1, N1, PS2, T3, RE1, H1)

This course is designed as a continuation of the concepts explored in Computer Technology I. This course explores advanced topics in IT such as LAN and WAN technologies, network security, maintaining and installing servers, network troubleshooting, investigating network operating systems such as Unix, Windows, and Linux, etc. The course will also explore technology topics such as cell phones, PDA's, etc.

PREREQUISITE: Computer Technology I

COMPUTERIZED ACCOUNTING

2330 Grade 12 Credit 1.00 (R2, W1, N3, PS3, T3, RE1, H1)

In this course students will further their understanding of accounting concepts and procedures in an automated environment as well as develop a marketable skill. Through the use of realistic transactions and widely used accounting software programs, students will see first-hand how various types of computer software programs are used in the accounting profession.

PREREQUISITE: Accounting II

INDEPENDENT STUDY – ADVANCED COMPUTER PROGRAMMING

2970 Grades 11,12 C/W 2 Credit .50

This course is offered to provide students with the opportunity to study an aspect of computers that is not part of the computer course of studies. Students will select their own topic for research with the approval of an advisor. Research will be pursued on the student's own time. The student will be required to meet with his/her advisor and report periodically on the progress made. Assignments and/or projects will relate to the topic of research. Department Chairperson approval required.

INTEGRATED COMPUTER APPLICATIONS

2750 Grades 11, 12 Credit 1.00 (R1, W1, T3, H1)

Through project-based activities, students will expand their knowledge of Microsoft Word, Excel, Access and PowerPoint to create advanced documents, spreadsheets, databases and presentations. Throughout the course, students will be working in a specific department within a business. Each project, within a department, includes four or more related jobs requiring students to use all programs learned.

PREREQUISITE: Computer Applications

MICROSOFT WORD

2850 Grades 10, 11, 12 Credit .50 (R1, N1, PS1, T3, H1)

This course is designed to enable students to become proficient with Microsoft Word and to be able to use these skills in various classes on the high school and college level, for personal-use situations, and for entry-level employment. Students will gain an understanding of word processing concepts and how they relate to various types of documents.

PREREQUISITE: Keyboarding or College and Personal Keyboarding

THE PC ENVIRONMENT

2060 Grades 9, 10, 11, 12 Credit .50 (R2, W1, N1, PS2, T3, RE2, H1)

This course provides students with the knowledge necessary to perform PC hardware maintenance, component upgrades, expansion board installation, board replacement, basic system software installation, and network client software maintenance. Each student will receive a computer kit and is expected to build that computer by applying all the knowledge acquired. Subsequently, these computers are also networked within the classroom to promote basic networking understanding.

VIDEO PRODUCTION I

7020 Grades 11, 12 Credit 1.00 (R1, W1, N1, PS2, T2, RE1, H1)

Students in this class will employ video production and editing equipment to develop and produce various programs for the school and local communities. Students will explore concepts of multi-media design and presentation working both independently and in cooperative groups. Students will become aware of ethical standards of mass media and various career opportunities available in video and audio production.

PREREQUISITE: Student must be interviewed by the instructor prior to acceptance into class.

VIDEO PRODUCTION II

7030 Grade 12 Credit 1.00 (R1, W1, N1, PS3, T3, RE3, H2)

In this class students will continue to employ video and audio equipment to produce programs for the school and local community. More sophisticated application of video production equipment will be employed in this upper level course offering. Students will develop teams and leadership skills to creatively plan and execute video projects. Various computer applications will be employed to production to insure the achievement of quality programming.

PREREQUISITE:

1. Video Production I 2. Student must be interviewed by the instructor prior to acceptance into class.

WEB PAGE DESIGN

2000 Grades 9, 10, 11, 12 Credit .50 (R2, W1, N1, PS1, T3, RE1, H1)

This course is designed to provide students with an intermediate level of knowledge, understanding, and skill of web page design. The course will provide students with the ability to use three prominent web design programs: Dreamweaver MX, Fireworks MX, and Flash MX.

PREREQUISITE: "B" or better in Algebra I

WEB PAGE DESIGN – INDEPENDENT STUDY

0050 Grades 10, 11, 12 Credit .50 (R3, W1, N1, PS1, T3, RE1, H1)

This course is designed to extend student's knowledge, understanding, and skill of web page design. Dynamic web pages, PHP programming, and Flash movies will be the focus of the course.

PREREQUISITE: Web Page Design

ENGLISH

Course Summary

	11	12	American Literature	1870	C/W 2	1.00
	11	12	American Literature – Honors	1860	C/W 1	1.00
	11		American Studies	1810	C/W 2	1.00
	11		AP English Language & Composition	1880	C/W 1	1.00
		12	AP Literature & Composition	1650	C/W 1	1.00
		12	AP English Language & Composition/UCT	1990	C/W 1	1.00
10	11	12	British Literature	1560	C/W 2	1.00
10	11	12	British Literature – Honors	1550	C/W 1	1.00
	11	12	(N) Business Communications	2400	C/W 2	1.00
		12	Class. Studies/Great Books – Honors	1310	C/W 1	1.00
		12	Contemporary Literature	1970	C/W 2	.50
	11	12	Creative Writing – Honors	1350	C/W 1	.50
	11	12	Creative Writing	1360	C/W 2	.50
	11	12	Creative Writing II	1370	C/W 2	.50
	11	12	Creative Writing II - Honors	1380	C/W 1	.50
10			English II	1200	C/W 3	1.00
	11		English III	1300	C/W 3	1.00
		12	English IV	1400	C/W 3	1.00
	11		Grade 11 English	1340	C/W 2	1.00
10	11	12	Introduction to Theatre Arts	1240	C/W 2	1.00
10	11	12	Journalism	1960	C/W 2	1.00
		12	Journalism Practicum	1980	C/W 2	1.00
10			Literary Genres	1040	C/W 2	1.00
9			Language Arts – Honors	1030	C/W 1	1.00
9			Language Arts	1000	C/W 2	1.00
		12	Literature and Language	1440	C/W 3	1.00
	11	12	(N) Public Communication	1220	C/W 2	.50
		12	Reading & Critical Thinking Skills for College I	1780	C/W 2	.50
		12	Reading & Critical Thinking Skills for College II	1790	C/W 2	.50
9			Reading/Writing Workshop	1110	C/W 3	1.00
		12	Senior Composition	1920	C/W 2	.50
		12	Writing for Publication	1940	C/W 2	1.00
			(N) Naugatuck Valley Community College College Career Pathways (College Credit Program) (available to Juniors and Seniors)			

THE FOLLOWING ARE THE GOALS OF THE ENGLISH PROGRAM:

1. To help the student develop accuracy in written and oral expression
2. To foster critical analysis through the study of various forms of literature
3. To enhance a student's appreciation of literature and language
4. To enable students to manipulate a variety of print and non-print texts, including those available from technological sources.

MINIMUM REQUIREMENTS for all English Courses

1. Literary reaction papers and/or a research paper for all courses.
2. Major essays emphasizing the basic forms of discourse (expository, descriptive, narrative, and argumentative) will be assigned and evaluated.
3. Vocabulary study in all courses.
4. Projects which enhance a particular learning within a course may be assigned at the discretion of the instructor; i.e., debate, memorization, visual, computer assisted instruction, oral interpretation.
5. Summer reading required for grade 11 and 12 courses.
6. College-bound students must elect a minimum of one literature course at the junior-senior level.
7. Outside reading will be assigned.

AMERICAN LITERATURE

1870 Grades 11,12 C/W 2 Credit 1.00 (R2, W2, PS2, T1, RE1, H3)

This course focuses on America's culture and its values through the study of four major themes. Within these themes, students explore the different literary movements of the past 350 years (Puritanism, Colonialism, Transcendentalism, Romanticism, Realism, and Modernism) through the use of various genres. Students will compose a variety of papers, focusing on formal structure and text analysis.

AMERICAN LITERATURE – Honors

1860 Grade 11 C/W 1 Credit 1.00 (R3, W3, PS2, T1, RE3, H3)

This course focuses on the study of the various American themes contained within this country's different literary movements of the past 350 years (Puritanism, Colonialism, Transcendentalism, Romanticism, Realism, and Modernism). With a heavy emphasis on writing, the course requires a range of essays, including, but not limited to, reaction papers, persuasive papers, comparison papers, and passage analysis. By teacher recommendation.

AMERICAN STUDIES – ENGLISH

1810 Grade 11 C/W 2 Credit 1.00 (2.00 with History credit) (R3, W3, PS1, T1, RE2, H3)

This course is co-taught with an English and History teacher and will explore the enduring questions, debates, and conflicts of the American people through a thematic approach to studying America's past. These themes, such as the American Dream, will be studied from both a historic and literary perspective. This course will be scheduled as a double-period and students will receive 1.0 credit in American History and 1.0 credit in American Literature.

AP ENGLISH LANGUAGE & COMPOSITION (pending College Board authorization)

1880 Grade 11 C/W 1 Credit 1.00 (R4, W4, PS4, T2, RE3)

An in-depth study of various genres of American literature through the lens of rhetoric. Assignments will focus on the authors' uses of argument and structure and their interaction with the readers' experiences. This course will prepare students for the AP English Language and Composition exam.

AP ENGLISH LANGUAGE & COMPOSITION/UCT

1990 Grade 12 C/W 1 Credit 1.00 (R4, W4, PS4, T2, RE3)

An in depth study of the short story, drama, film, and poetry through academic writing. Assignments will emphasize interpretation, argumentation, and reflection. There will be opportunities for revision of formal assignments with instruction in grammar, mechanics and style. Students will prepare for the AP Language and Composition exam. They may also earn 4 college credits for UCONN English III.

AP ENGLISH LITERATURE & COMPOSITION

1650 Grade 12 C/W 1 Credit 1.00 (R4, W4, PS4, T2, RE2)

This course, "Humanity's Search for Meaning", focuses on close reading activities which emphasize the critical analysis of a variety of texts, including essays, poetry, drama, fiction and non fiction. Students will be required to produce written text in response to the literature. Assignments in academic writing will emphasize the intellectual purposes and aesthetic qualities of the texts read in and out of class. Placement by teacher recommendation. Students will prepare for AP Literature and Composition Exam.

BRITISH LITERATURE

1560 Grades 10,11,12 C/W 2 Credit 1.00 (R2, W2, T2, RE3, H3)

Emphasis will be on the study of selected writers in all the major periods of English language development. Chaucer, Shakespeare, Ben Johnson, Malory, Pope, Swift, Coleridge and Shelley are among the authors studied.

BRITISH LITERATURE – Honors

1550 Grades 10,11 C/W 1 Credit 1.00 (R3, W3, T2, RE4, H4)

Emphasis will be on the study of selected writers in all the major time periods of English language development in British Literature: Anglo-Saxon, Medieval, Elizabethan, Romantic, Victorian and Modern time periods. Students will practice vocabulary and CAPT skills in addition to writing essays and literary based research papers. Various novels will be read outside of class.

BUSINESS COMMUNICATIONS College Career Pathways (College Credit Program)

2400 Grades 11,12 C/W 2 Credit 1.00
NVCC (BBG*H120) Credits 3.00

Description available in the Business Education listings.

CLASSICAL STUDIES/GREAT BOOKS – Honors

1310 Grade 12 C/W 1 Credit 1.00 (R3, W3, T2, RE4, H4)

This course surveys Greek and World Literature, including Greek drama and philosophy, Shakespearean tragedy, and the modern novel. Background work in mythology and The Bible are integrated into the course, as are short stories and essays on critical theory.

CONTEMPORARY LITERATURE

1970 Grade 12 C/W 2 Credit .50 (R3, W2, PS2, T1, RE1, H3)

Contemporary literature will focus on a selection of works written after World War II. Multiple themes connect the contemporary classics required as reading in the course. Journal writing, critical analysis, and discussion will provide the link between the post W.W.II and the post Vietnam era literature.

CREATIVE WRITING – Honors

1350 Grades 11,12 C/W 1 Credit .50 (R3, W4, T2, RE1, H4)

This workshop course encourages students to express their feelings and ideas through the creation of various genres and a portfolio of their writings. Journal writing is an integral part of the course. Publication of finished work will be required.

CREATIVE WRITING

1360 Grades 11, 12 C/W 2 Credit .50 (R2, W4, T2, RE1, H4)

This workshop course requires students to create a portfolio of their writings. Focus of the course is on generating ideas and expressing them through a variety of genres. Journal writing is an integral part of the course.

CREATIVE WRITING II

1370 Grades 11, 12 C/W 1 Credit .50 **(R2, W4, T2, RE1, H4)**

This workshop course requires students to create a portfolio of their writings. The focus of the course is on poetry and creative non-fiction. In addition, students will analyze published authors for the use of various literary elements. Although completion of Creative Writing I is recommended, it is not required.

CREATIVE WRITING II – Honors

1380 Grades 11, 12 C/W 2 Credit .50 **(R2, W4, T2, RE1, H4)**

This workshop course requires students to create a portfolio of their writings. The focus of the course is on poetry and creative non-fiction. In addition, students will analyze published authors for the use of various literary elements. Although completion of Creative Writing I is recommended, it is not required for this course. Direct involvement with the course's blog will be required.

ENGLISH II

1200 Grade 10 C/W 3 Credit 1.00 **(R2, W2, T2, RE1, H3)**

This course places a strong emphasis on the reading and writing skills necessary for the Connecticut Academic Performance Test. Students are exposed to a variety of literary genres and vocabulary. Assessments include group discussions, reader responses, essays, tests and quizzes.

PREREQUISITE: Reading and Writing Workshop (1110).

ENGLISH III

1300 Grade 11 C/W 3 Credit 1.00 **(R2, W2, PS1, T1, RE1, H3)**

This course emphasizes writing and reading skills, and further vocabulary acquisition. Writing will focus on improving basic skills needed for communication and creative expression.

PREREQUISITE: English II

ENGLISH IV

1400 Grade 12 C/W 3 Credit 1.00 **(R2, W2, T2, RE1, H3)**

Emphasis will continue on the writing, critical thinking, and reading skills necessary for post high school career.

PREREQUISITE: English III

GRADE 11 ENGLISH

1340 Grade 11 C/W 2 Credit 1.00 **(R2, W2, T2, RE2, H3)**

This course is for the college preparatory student whose skills in literary interpretation, writing and vocabulary need strengthening. The focus will be on analysis of contemporary and classic fiction and non-fiction. Placement by teacher recommendation.

INTRODUCTION TO THEATRE ARTS

1240 Grades 11,12 C/W 2 Credit 1.00 **(R2, W2, PS3, T2, RE2, H3)**
Grade 10 by teacher recommendation (as an elective).

This full year English course introduces the student to acting, directing, improvisation, oral interpretation, play production, play analysis, and history of the theatre.

Must attend two theatrical performances outside of school.

JOURNALISM

1960 Grade 11,12 C/W 2 Credit 1.00 (R2, W4, PS2, T3, RE3, H3)
Grade 10 by teacher recommendation (only as an elective).

Using the school newspaper , this course teaches fundamentals of reporting, news judgment, journalistic ethics, and management. Topics include legal issues, editing, journalistic style, aspects of layout, and production. This elective does not qualify as an English course for graduation credit.

PREREQUISITE: Students must be interviewed by the instructor before being accepted into the course and complete an application which includes writing a news story.

JOURNALISM PRACTICUM

1980 Grade 12 C/W 2 Credit 1.00 (R2, W4, PS2, T4, RE3, H3)

Students who have successfully completed the first year of journalism may elect this course, in which participants are required to take on editorial and managerial responsibilities in addition to reporting assignments. (Production responsibilities entail after school sessions.) In addition to the prerequisite, an approved application and successful interview with the journalism teacher are required for admission to the class.

PREREQUISITE: Journalism

LANGUAGE ARTS - Honors

1030 Grade 9 C/W 1 Credit 1.00 (R3, W3, T2, RE3, H3)

Language Arts provides development in descriptive essay writing, research and documentation in expository writing, grammar and usage. Vocabulary study is an integral part of this course. Genres covered: short story, novel, myth, and drama.

LANGUAGE ARTS

1000 Grade 9 C/W 2 Credit 1.00 (R3, W2, PS2, T2, RE2, H3)

This course focuses on reading comprehension and inference skills. The course includes vocabulary study, grammar reinforcement, and an introduction to the research paper process. Literature includes Greek mythology, a Shakesperean drama, and various novels.

LITERATURE and LANGUAGE

1440 Grade 12 C/W 3 Credit 1.00 (R4, W3, T2, PS2, RE3, H3)

This course will satisfy the graduation requirement for students who have not met the reading and writing standard. The focus on critical analysis and writing skills will also benefit students who wish to refine their skills in interpreting and evaluating fiction and non fiction.

LITERARY GENRES

1040 Grade 10 C/W 2 Credit 1.00 (R3, W2, T2, RE3, H3)

This course focuses on literary analysis of various genres: novel, drama, poetry, and short story. Writing focuses on the development of logical order and organization. Vocabulary study is an integral part of this course.

PUBLIC COMMUNICATION College Career Pathways (College Credit Program)

1220 Grades 11, 12 CW 2 Credit .50 (R2, W2, N1, PS2, T2, RE3, H3)
NVCC (CMM*H108) Credits 3.00

This one-semester course will focus on the principles and practices of public communication, emphasizing skills in organizing information for public address, developing persuasive techniques, and adapting material to the needs of a particular audience. Students will learn to synthesize reading, speaking, listening, and writing for oral communication. Students will receive English and Business credit as well as credit from Naugatuck Community College.

READING AND CRITICAL THINKING SKILLS FOR COLLEGE I

1780 Grade 12 C/W 2 Credit .50 (R2, W2, PS2, T2, RE2, H3)

This course includes extensive work in vocabulary development, a variety of study skills needed for success in college, and techniques for writing research papers and the college essay. It is designed for college-bound seniors.

NOTE: It is recommended that this course be taken as part of a one-year sequence with Reading and Critical Thinking Skills for College II.

READING and CRITICAL THINKING FOR COLLEGE II

1790 Grade 12 C/W 2 Credit .50 (R3, W2, PS2, T3, RE1, H3)

This course will develop reading comprehension skills, increase the student's ability to retain information and improve the student's general rate of reading. Course is designed for college-bound seniors and implements computer assisted instruction.

NOTE: It is recommended that this course be taken as a part of a one-year course with Reading and Critical Thinking Skills for College I (1780).

READING AND WRITING WORKSHOP

1110 Grade 9 C/W 3 Credit 1.00 (R3, W2, PS2, T2, RE2, H3)

The focus of this course is increasing reading rate and comprehension, organization and study skills. Writing instruction will stress usage, paragraphing, composing and mechanics. Genres covered: short story, novel, myth and drama. Vocabulary study is an integral part of this course.

SENIOR COMPOSITION

1920 Grade 12 C/W 2 Credit .50 (R1, W4, PS2, T2, RE1, H2)

This course helps develop student skills in nonfiction and persuasive writing. Students are expected to discuss pieces of contemporary prose assigned as prompts for writing.

WRITING FOR PUBLICATION

1940 Grade 12 C/W 2 Credit 1.00 (R3, W4, PS2, T4, RE3, H3)

This course is divided into two components:

1. Classroom work, which consists of writing headlines, captions and feature stories.
2. "Field work" which consists of interviewing, photographing, planning, organizing, laying out, processing advertisements, bookkeeping, advertising, etc., all of which culminates in the publication of the yearbook.

PREREQUISITE: Students must be interviewed by the instructor before being accepted into the course.

M A T H E M A T I C S

For more information about each math class and sample problems from each course level, visit the Mathematics Department website at: <http://www.monroeps.org/district/mhs/math/index.htm>

Course Summary

	10	11	12		Accounting I	2230		1.00
		11	12	(N)	Accounting II	2430		1.00
		11	12		Advanced Mathematics	5640	C/W 2	1.00
9					Algebra I - Honors	5110	C/W 1	1.00
9	10	11	12		Algebra I	5120	C/W 2	1.00
9	10	11	12		Algebra I	5130	C/W 2	1.00
9	10	11	12	(N)	Algebra II - Honors	5510	C/W 1	1.00
9	10	11		(N)	Algebra II	5520	C/W 2	1.00
	10	11	12	(N)	Algebra II - Intermediate	5550	C/W 2	1.00
		11	12		AP Calculus AB/UCT	5410	C/W 1	1.00
		11	12		AP Statistics (Pending BOE approval)	5710	C/W 1	1.00
		11	12		Calculus - Honors	5420	C/W 1	1.00
9	10				Geometry - Honors	5210	C/W 1	1.00
9	10	11	12		Geometry	5220	C/W 2	1.00
9	10	11	12		Geometry - Discovery	5230	C/W 2	1.00
		11	12		Probability & Statistics	5720	C/W 2	1.00
	10	11	12		Pre-Calculus - Honors	5810	C/W 1	1.00
	10	11	12		Pre-Calculus	5820	C/W 2	1.00

**(N) Naugatuck Valley Community College (College Credit Program)
(available to Juniors and Seniors)**

GENERAL MATHEMATICS ELECTIVES

Course Summary

	10	11	12		Data Analysis	5100	C/W 3	.50
	10	11	12		Mathematics for the Consumer	5080	C/W 3	.50
	10	11	12		Recordkeeping	5030	C/W 3	1.00

Advanced Mathematics, all Algebra I courses, all Algebra II courses, Geometry, all Pre-Calculus courses, all Calculus courses, Probability and Statistics, and AP Statistics have specific requirements. Students taking these courses will benefit when they have access to a graphing calculator in class daily. In all other classes, students will need access to a scientific calculator daily in class.

Students enrolled in most mathematics courses will be required to complete a summer review packet. These will serve as a review of previously studied concepts, as well as preview basic concepts to be studied in the up-coming math course. More information can be found on the Masuk High School mathematics website in the spring and summer.

ACCOUNTING I

2230 Grades 10, 11, 12 Credit 1.00 **Math Credit (R1, W1, N3, PS3, T1, RE1, H2)**

Accounting I is designed to provide competence in positions which require basic accounting skills. The course includes financial accounting procedures and terminology for a sole proprietorship and partnership. It also provides a basis for any student planning to attend college to major in accounting, business-related areas, or computer fields, and provides a basis for management of personal finances.

NOTE: This course fulfills one of the math credit requirements for graduation.

ACCOUNTING II College Career Pathways (College Credit) Program

2430 Grades 11, 12 Credit 1.00 **Math Credit (R1, W1, N3, PS3, T1 RE1, H2)**
NVCC (ACC*H113) Credits 3.00

This subject expands on the accounting learned in Accounting I. It includes departmental and payroll accounting, inventory planning and valuation, and general accounting adjustments (uncollectible accounts, depreciation, notes payable, prepaid expenses, accrued expenses, notes receivable, unearned revenue, and accrued revenue).

NOTE: This course fulfills one of the math credits required for graduation.

PREREQUISITE: Accounting I

ADVANCED MATHEMATICS

5640 Grades 11,12 C/W 2 Credit 1.00 **(R1, W1, N3, PS3, T2, RE1, H3)**

This course is designed for college-bound students who do not have a science or mathematics major in mind but will have to meet a mathematics requirement in college. The course will include a study of trigonometry, probability, and statistics, with a continuing study of linear functions, exponential functions, and logarithms. Discrete mathematics topics and selected applications will also be included.

PREREQUISITE: Successful completion of Algebra II (5520) or Intermediate Algebra II (5550)

NOTE: Students may not switch to Advanced Mathematics after November 1st.

ALGEBRA I

5110 Grade 9,10 - Honors C/W 1 Credit 1.00 **(R2, W1, N3, PS3, T2, RE1, H4)**
5120 Grades 9,10,11,12 C/W 2 Credit 1.00 **(R1, W1, N3, PS3, T2, RE1, H3)**
5130 Grades 9,10,11,12 C/W 2 Credit 1.00 **(R1, W1, N3, PS3, T2, RE1, H3)**

Algebra I is required for all Masuk students. The course includes basic structures and methods of elementary algebra, fundamental properties of numbers, solving open sentences, graphing, and problem solving.

SPECIFIC REQUIREMENT: 5110: Students will do four independent computer-related projects.

NOTE: Students taking 5130 will also be scheduled into the math lab for extra help one period per week.

NOTE: Students may not transfer levels after December 15th without the recommendation of the current teacher and department chair approval.

ALGEBRA II

5510	Grades 9, 10,11 -Honors	C/W 1	Credit 1.00	(R2, W1, N3, PS3, T2, RE1, H4)
5520	Grades 10,11,12	C/W 2	Credit 1.00	(R1, W1, N3, PS3, T2, RE1, H3)
5550	Grade 10,11,12	C/W 2	Credit 1.00	(R1, W1, N3, PS3, T2, RE1, H3)

(5550 is called Algebra II - Intermediate on course selection sheets)

Algebra II is an extension of Algebra I. This course covers an introduction to the transcendental functions (exponential, trigonometric and logarithmic), conic sections, algebraic fractions, functions, matrices, determinants and an introduction to sequences and series.

PREREQUISITE: 5510-Honors: "B" or better in Algebra I-Honors (5110) and Geometry Honors (5210) are expected. If a student wishes to enroll in this course from Geometry (5220), student must have earned a grade of A in Geometry (5220) and approval of department chairperson is required.

SPECIFIC REQUIREMENTS: 5510: Students will do projects that are computer related and independent.

PREREQUISITES: 5520: "C" or better in Algebra I- (5110 or 5120) and "C" or better in Geometry (5210 or 5220) are expected.

PREREQUISITES: 5550: "C-" or better in Algebra I (5130) and Geometry (5220 or 5230) are expected.

NOTE: Students may not transfer levels after December 15th without department chair approval.

AP STATISTICS (PENDING COLLEGE BOARD AUTHORIZATION)

5710	Grades 11, 12	C/W 1	Credit 1.00	(R1, W1, N3, PS3, T2, RE1, H4)
------	---------------	-------	-------------	---------------------------------------

This course is designed as an algebra based course. Students will be asked to use statistical methods to interpret real-life data from newspapers, magazines, and other sources. Students will use the internet for exploration as well as for individual and group assignments. Students will be prepared to take the AP Statistics Exam in the spring and may receive Advanced Placement credit if they meet the criteria set by individual colleges and universities.

PREREQUISITE: "B+" or better in Pre-Calculus (5810, 5820) is expected.

NOTE: Students may not switch to AP Statistics after September 15th.

CALCULUS - HONORS

5410	Grade 12 AP Calc AB/UCT	C/W 1	Credit 1.00	(R1, W1, N3, PS3, T2, RE1, H4)
5420	Grade 12 Calculus	C/W 1	Credit 1.00	(R1, W1, N3, PS3, T2, RE1, H4)

These courses cover the equivalent of approximately one and a half semesters of college calculus.

NOTE: 5410: It follows both the UCONN first semester Calculus syllabus and the AP Calculus AB syllabus provided by the College Board. This course is taught in conjunction with the Math Department of the University of Connecticut. Students satisfactorily completing the course (grade of "C" or better) can receive up to four (4) credits at UCONN. Students will be prepared to take the AP Calculus AB Exam in the spring and may receive Advanced Placement credit if they meet the criteria set by individual colleges and universities.

PREREQUISITE: 5410: Students must meet UCONN eligibility requirements. It is also suggested that students have at least a "B+" or better in previous mathematics courses.

PREREQUISITE: Precalculus

NOTE: Students may not transfer to Calculus (5420) after December 15th without the recommendation of the current teacher and department chair approval.

GEOMETRY

5210	Grades 9,10-Honors	C/W 1	Credit 1.00	(R2, W1, N3, PS3, T2, RE1, H4)
5220	Grades 9,10,11,12	C/W 2	Credit 1.00	(R1, W1, N3, PS3, T2, RE1, H3)
5230	Grades 9,10,11,12	C/W 2	Credit 1.00	(R1, W1, N3, PS3, T1, RE1, H3)

Geometry is the course in sequence following Algebra I. The course is designed to assist the student in developing deductive reasoning skills while studying properties of both plane and solid figures. Euclidean, coordinate and spatial geometry is covered. Algebra will be integrated into the curriculum.

SPECIFIC REQUIREMENTS: Each class will have computer assignments or projects.

NOTE: 5210: Students will undertake an independent problem solving and exploration within the context of independent projects each quarter. These multi-faceted projects will have computer-related components.

PREREQUISITE: 5210: "A-" or better in Algebra 5110 is expected. This level may be selected only with approval of the department chairperson.

SPECIFIC REQUIREMENT: 5220: "C-" or better in Algebra 5120 is expected.

SPECIFIC REQUIREMENT: 5230: "C-" or better in Algebra 5130 or Algebra 5120 is expected.

NOTE: Students may not transfer levels after December 15th without the recommendation of the current teacher and department chair approval.

PROBABILITY & STATISTICS

5720	Grades 11, 12	C/W 2	Credit 1.00	(R2, W1, PS3, T2, RE1, H3)
------	---------------	-------	-------------	-----------------------------------

This course is designed as an algebra based course. Students will be asked to use statistical methods to interpret real-life data from newspapers, magazines, and other sources. Students will use the internet for exploration as well as for individual and group assignments.

PREREQUISITE: Successful completion of Algebra II (5510, 5520) is expected.

NOTE: Students may not switch to Probability and Statistics after November 1st.

PRE-CALCULUS

5810	Grades 11,12-Honors	C/W 1	Credit 1.00	(R1, W1, N3, PS3, T2, RE1, H4)
5820	Grades 11,12	C/W 2	Credit 1.00	(R1, W1, N3, PS3, T2, RE1, H4)

This course is designed for students planning to continue in the mathematics and science fields in college. Logic, vectors, elementary functions, trigonometry and analytical geometry are covered.

NOTE: 5810: This level is designed for those students who have achieved a high level of success in all previous mathematics courses. Two projects are required. "B-" or better in Algebra II-Honors is expected.

NOTE: 5820: This level is designed for students who have demonstrated reasonable success in previous mathematics courses. "B-" or better in Algebra II is expected.

PREREQUISITES: Algebra II (5510, 5520) and Geometry (5210, 5220) and approval of the Mathematics Department Chairperson.

NOTE: Students may not switch to Advanced Math after November 1st.

NOTE: Students may not transfer to Pre-Calculus (5820) after December 15th without the recommendation of the current teacher and department chair approval.

GENERAL MATHEMATICS ELECTIVES

DATA ANALYSIS

5100 Grades 10,11,12 C/W 3 Credit .50 (R1, W1, N3, PS1, T2, RE1, H3)

The one-semester course will cover the gathering and handling of data, the interpretation of data, and the application of statistics to everyday life. The course will also look at probability in its application to statistics. The computer will be used to aid in calculations.

MATHEMATICS FOR THE CONSUMER

5080 Grades 10,11,12 C/W 3 Credit .50 (R1, W1, N3, PS1, T2, RE1, H3)

This one-semester course will help students develop the math skills and problem solving strategies needed to solve typical problems encountered as a consumer. The major areas covered will include earning, spending, and borrowing money. Additional areas of study include the following: business operations, fringe benefits, housing costs and household expenses, figuring equivalent pay, income taxes, salaries, wages, stocks, metrics, energy costs and savings, credit cards and transportation costs.

NOTE: Successful completion of this course will fulfill graduation requirements of NCLB for students who have not met goal on CAPT.

RECORDKEEPING

5030 Grades 10,11,12 C/W 3 Credit 1.00 (R1, W1, N3, PS1, T2, RE1, H3)

This subject acquaints the student with numerous financial topics and provides opportunities for the maintenance of business and personal records. They are involved in learning cashier activities, checking procedures, budget analyzing, payroll practices, and the keeping of records for a small business.

NOTE: Students must be recommended by teachers or department chairpersons to take this class.

MUSIC

Course Summary

9	10	11	12	Band	8450	1.00
9	10	11	12	Concert Choir	8470	1.00
	10	11	12	Jazz Improvisation	8460	.50
	10	11	12	Music Appreciation	8490	.50
9	10	11	12	Keyboard Harmony (pending BOE approval)	8370	.50
	10	11	12	Music Theory 1	8430	.50
	10	11	12	Music Theory 2	8440	.50
9	10	11	12	String Orchestra	8380	1.00

MUSIC DEPARTMENT GOALS

- Students will sing, alone and with others, a varied repertoire of songs.
- Students will play, alone and with others, a varied repertoire of instrumental music.
- Students will improvise melodies, variations and accompaniments.
- Students will compose and arrange music.
- Students will read and notate music.
- Students will listen to, describe and analyze music.
- Students will evaluate music and music performances.
- Students will make connections between music, other disciplines and daily life.
- Students will understand music in relation to history and culture.

(adapted from the Connecticut Arts Curriculum Framework)

PREREQUISITES FOR ALL MUSIC COURSES:

1. Membership by approval of ensemble director.
2. Previous performance experience is helpful but not mandatory.
3. Students may sign up to participate in two of the three programs offered but no more.

REQUIREMENTS FOR ALL MUSIC COURSES:

1. Attendance at all scheduled after-school rehearsals
2. Attendance at all performances
3. Attendance at music lessons
4. Acceptance of responsibility for school-owned equipment and uniforms

The following co-curricular activities are available by audition only to all high school students involved in any aspect of the Music Program at Masuk:

1. Jazz Ensemble
2. Pit band for Masuk musical
3. Regional and All State Band, and Strings
4. Chamber Choir
5. Camerata
6. Wind Ensemble
7. Sinfonietta Strings Ensemble
8. Full Orchestra

CONCERT BAND

8450 Grades 9,10,11,12 Credit 1.00 **(R1, W1, PS3, RE1, H1)**

The Concert Band is open to all high school instrumental students who meet minimum performance standards which includes instrumental technique (scales, facility, breath, posture), music reading (listening, rhythm, counting, decoding at sight), and large/small ensemble playing skills (conducting, score analysis, trust). During their scheduled class period(s), students learn the process of building these instrument performance standards, the process of rehearsal and performance techniques as well as creating concert band literature. Students listen, reflect, and work in small groups in order to further their ensemble experience. Music studied varies from standard band repertoire to popular music to 20th century sounds all of which are appropriate high school and collegiate (prep) level. Students are required to attend all scheduled concerts and dress rehearsals held after school. All concert band students will perform in the Memorial Day Parade. Students are expected to practice outside of school (private lessons are available) to ensure the success of the high school concert band program.

CONCERT CHOIR

8470 Grades 9,10,11,12 Credit 1.00 **(R1, W1, N2, PS3, T2, H1)**

The Masuk High School Concert Choir of mixed voices provides a challenging and thorough approach to the learning of music and the singing process for the individual. Students learn about the singing process not only within the context of a large choral instrument but also as an individual singer. Creative movement, drama exercises, reflective reading, and visual art projects are used to enrich the music learning process. Music encompassing a wide range of time periods and ethnicities is used.

JAZZ IMPROVISATION

8460 Grades 10, 11, 12 Credit .50 **(R1, W1, N3, PS3, T1, RE3, H1)**

Jazz Improvisation allows students to explore the only true American music; jazz and how it helps open up your instrumental creativity. Students will be required to listen to, transcribe, and perform excerpts on their primary instrument as well as the use of a piano as a tool for sounds. Jazz Improvisation also allows students to understand the history of the development of jazz (dixieland, ragtime, swing, bebop, cool, avant garde, fusion) through research, listening examples, as well as live performances. A strong proficiency on your primary instrument is expected.

MUSIC APPRECIATION

8490 Grades 10,11,12 Credit .50 **(R1, W2, N1, PS3, T1, RE3, H1)**

Music Appreciation offers students the knowledge and the skill of listening to music through extensive ear training techniques such as solfege, transcription, and dictation. Students will also review the traditions and history of 20th Century music. Students will compose new works through creative projects and keyboard knowledge which will enhance their learning experience. Teacher approval required. (pending board approval)

KEYBOARD HARMONY

8370 Grades 9,10,11,12 Credit .50 **(R1, W2, N1, PS3, T1, RE3, H1)**

In this course, students who do not have instrumental and music reading backgrounds can explore and develop the skills and techniques needed to play the piano. Students will learn music theory (pitches, scales, rhythms, counting, dynamics, and phrasing) and be able to apply them to the piano as the medium for playing music. Basic piano skills will be taught along side with the music theory and music reading. Limit to 6 students. Pre-requisite: no previous music class

MUSIC THEORY 1

8490 Grades 10 11, 12

Credit .50

(R1, W2, N3, PS3, T2, RE2, H1)

This course is a comprehensive study in the development of Western music through the four interrelated areas of Theory, Harmony, Composition, and Form. Students learn the basics of music theory and harmony along with writing their own compositions based on 18th century musical period structure. Students will learn how to operate the Clavinova which has an onboard 16-track computer operated recording system. The curriculum encompasses related arts, e.g. graphing of baroque keyboard works, constructing sonata form, a temporal intangible medium, into a three dimensional form constructed of toothpicks and, thereby, becoming a tangible and non temporal/plastique form. The course prepares students for college level music study. Teacher permission is required.

MUSIC THEORY 2

8440 Grades 10, 11, 12

Credit .50

(R1, W2, N3, PS3, T2, RE2, H1)

This course will be an extension of the first semester of Music Theory 1 with more in depth analysis; introducing Schenker Analysis; advanced score analysis and score reading; film and music scoring; exploration of motifs in the Baroque with extended work on the Brandenburg Concertos of J.S.Bach' operatic libretto and score reading; musical libretto and score reading; survey of nationalistic music; an overview of musical composition from 1100 to the present.

Pre-Requisite: Music Theory 1

STRING ORCHESTRA

8380 Grades 9,10,11,12

Credit 1.00

(R1, PS3, RE1, H1)

String orchestra is a course in applied instrumental music. Students will rehearse and perform music from all periods, including Baroque, Classical, Romantic and 20th Century. String orchestra is open to all High School students who have a minimum of performance standards. This includes some technique (finger placement, bow stroke, rhythm, tone production) and music reading. In the scheduled class the students will learn to strive towards mastering their instrument skills and grow in ability to solve problems in music performance (correct pitch, precise rhythm, attack and release of the bow) Students will learn the basic knowledge of harmony, rhythm, form as well as getting familiar with music literature and music history, studying various composers, the form of music and its style and period. Students are expected to practice outside of school, take lessons privately or participate in the lessons program available at school to ensure a high level orchestra experience. Students are expected to attend all scheduled rehearsals and concert which are held after school and other smaller venues of performances. The student must have his/her instrument except for Cellos and Bases.

PHYSICAL EDUCATION/HEALTH

Course Summary:

	10	11	12	American Red Cross Lifeguard Training	3690	.50
9				Health	3921	.20
	10	11		Fitness for Life – Semester 1	3700	.20
	10	11		Fitness for Life – Semester 2	3700	.20
	10	11		Physical Education – Semester 1	3532	.20
	10	11		Physical Education – Semester 2	3542	.20
9				Swimming	3511	.20
	10	11	12	Weight Training – Semester 1	3680	.20
	10	11	12	Weight Training – Semester 2	3680	.20

The National Standards for Physical Education are:

Students will:

1. Demonstrate competency in motor skills and movement patterns needed to perform a variety of physical activities.
2. Demonstrate understanding of movement concepts, principles, strategies, and tactics as they apply to the learning and performance of physical activities.
3. Participate regularly in physical activity.
4. Achieve and maintain a health-enhancing level of physical fitness.
5. Exhibit responsible personal and social behavior that respects self and others in physical activity settings.
6. Demonstrate understanding of the value of physical activity for health, enjoyment, challenge, self-expression, and/or social interaction.

Each student must pass one (1) full credit in physical education or five (5) semesters, two (2) days per week. In addition, each student must take Health for one (1) semester, two (2) days per week. Lifeguard Training (full year) and/or Weight Training (half year) may be taken in lieu of Grade 10 or 11 Physical Education or as an elective in Grade 12.

All high school sophomores in the state of Connecticut are required to perform physical fitness tests during the fall semester. All sophomores will perform these tests at that time.

AMERICAN RED CROSS LIFEGUARD TRAINING COURSE

3690 Grades 10, 11, 12 Credit .5
(With approval of instructor)

This course is designed to teach students to become professional rescuers. They will learn the skills needed to prevent injuries and to prepare for and respond appropriately to drowning, injury, breathing, and cardiac emergencies.

PREREQUISITES:

- Must be at least 15 years old
- 300 yard swim demonstrating proficiency in crawl stroke and breaststroke
- Timed 20 yard swim and brick retrieval from 7-10 feet of water

Students are required to purchase a textbook and pocket mask.

If the student fulfills all necessary requirements he/she will earn Red Cross certification.

HEALTH

3921 Grade 9 Credit .2

The National Health Standards are:

Students will:

1. Comprehend concepts related to health promotion and disease prevention.
2. Demonstrate the ability to access valid health information and health-promoting products and services.
3. Demonstrate the ability to practice health-enhancing behaviors and reduce health risks.
4. Analyze the influence of culture, media, technology, and other factors on health.
5. Demonstrate the ability to use interpersonal communication skills to enhance health.
6. Demonstrate the ability to use goal-setting and decision-making skills to enhance health.
7. Demonstrate the ability to advocate for personal, family, and community health.

This course covers the following content areas alcohol and other drug use prevention, nutrition, physical activity, family life and sexuality, tobacco use prevention, mental health, personal and consumer health, and community and environmental health.

FITNESS FOR LIFE – SEMESTER 1

3700 Grade 10, 11 Credit .2

The goal of this course is to introduce a variety of non-competitive activities available today at fitness clubs as well as personal fitness information. The units that will be included during the fall are step aerobics, rope jumping, resistance training using stretch tubing and dumbbells, and yoga.

FITNESS FOR LIFE – SEMESTER 2

3700 Grade 10, 11 Credit .2

The units that will be included during the spring are line dancing, resistance training using exercise balls and medicine balls, and yoga.

PHYSICAL EDUCATION – SEMESTER 1

3532 Grade 10, 11 Credit .2

This course includes a variety of competitive lifetime sports and games and fitness activities. The units included during the fall are aerobic conditioning, games, and volleyball.

PHYSICAL EDUCATION – SEMESTER 2

3542 Grade 10 Credit .2

The units included during the spring are basketball, resistance training, and badminton.

SWIMMING

3511 Grade 9 Credit .2

This is a Red Cross “Learn to Swim” program, which also includes recreational pool activities such as low end water polo, beach ball volleyball and “free swim”.

WEIGHT TRAINING SEMESTER 1

3680 Grades 10, 11, 12 Credit .2

This course is designed to teach students how to develop a personal weight training program. The content of this course will include resistance training exercises, principles and components of a training program, muscular anatomy, and guidelines for nutrition.

WEIGHT TRAINING SEMESTER 2

3680 Grades 10, 11, 12 Credit .2

This course is designed to teach students how to develop a personal weight training program. The content of this course will include resistance training exercises, principles and components of a training program, muscular anatomy, and guidelines for nutrition.

SCIENCE

Course Summary

		11	12	Astronomy	6530	C/W 2	.50
9	10			Biology I – Honors	6210	C/W 1	1.50
	10	11	12	Biology I	6220	C/W 2	1.50
	10	11	12	Biology I	6230	C/W 2	1.50
			12	Biology II	6250	C/W 2	1.50
			12	Biology/UCT	6270	C/W 1	1.50
			12	AP Biology	6280	C/W 1	1.50
	10	11		Chemistry I – Honors	6310	C/W 1	1.50
		11	12	Chemistry I	6320	C/W 2	1.50
		11	12	Chemistry I	6330	C/W 2	1.50
			12	AP Chemistry/UCT	6360	C/W 1	1.50
			12	Chemistry II – Honors	6370	C/W 1	1.50
		11	12	Ecology	6630	C/W 2	.50
9	10			Fundamentals of General Science Honors	6110	C/W 1	1.00
9	10			Fundamentals of General Science	6120	C/W 2	1.00
9	10			Fundamentals of General Science	6130	C/W 2	1.00
		11	12	Physics I – Honors	6810	C/W 1	1.50
		11	12	Physics I	6820	C/W 2	1.50
			12	Physics II – Honors	6830	C/W 1	1.50
			12	Physics/UCT	6850	C/W 1	1.50
			12	AP Physics B	6840	C/W 1	1.50
			12	Current Topics in Science	6930	C/W 3	.50

The following is the science – mathematics course correlation table. For each science course is the minimum require mathematics course that must have been completed previously or be taken concurrently by the student to enroll in the particular science course.

COURSE LINKS BETWEEN MATH AND SCIENCE

SCIENCE COURSE		MATH COURSE	
6370	Chemistry II UCONN/AP - H	5510	Algebra II – H
6360	AP Chemistry/UCT	5510	Algebra II – H or 5520 Algebra II
6310	Chemistry I – H	5510	Algebra II – H or 5520 Algebra II
6320	Chemistry I	5510	Algebra II – H or 5520 Algebra II
6330	Chemistry I	5520	Geometry or 5230 Geometry or 5521 Algebra II or 5550 Intermediate Algebra
6850	Physics UCT	5820	PreCalculus
6840	AP Physics B	5820	PreCalculus
6830	Physics II – H	5820	PreCalculus
6810	Physics I – H	5820	PreCalculus
6820	Physics I	5510	Algebra II – H or 5521 Algebra II
6270	Biology/UCT	5510	Algebra II – H or 5521 Algebra II
6260	Biology II – H	5510	Algebra II – H or 5521 Algebra II
6210	Biology I – H	5210	Geometry - H
6220	Biology I	5210	Geometry – H or 5220 or 5230 Geometry
6230	Biology I	5220	Geometry or 5230 Geometry or Algebra
6240	Biology I		
6110	Fundamentals of General Science – H	5110	Algebra I – H or 5210/5220 Geometry
6120	Fundamentals of General Science	5110	Algebra I or 5120/5130 Algebra I
6130	Fundamentals of General Science	5120	Algebra I or 5130 Algebra I

ASTRONOMY

6530 Grades 11,12 C/W 2 Credit .50 (R2, W2, N2, PS1, T2, RE1, H2)

This course is intended to present the current scientific understanding of the origin, evolution, structure, processes and astronomical relationships within our universe. The content focus will include the origin and evolution of our universe and its components, including the study of our solar system, the Earth – Moon system, and stellar processes. An ability to read and comprehend scientific literature, utilize the metric system and ability to perform basic arithmetic and algebraic calculations are needed. The course involves reading from text and website sources, the interpretation of visual and numeric information, computer investigations, and presentation of independent research on assigned projects.

BIOLOGY I – Honors

6210 Grades 9,10 C/W 1 Credit 1.50 (R2, W1, N1, PS2, T1, RE1, H2)

Honors Biology is designed as a special, rigorously paced course in biology for students who have a superior background in science, reading comprehension, and mathematics. This course involves the study of living things, both plants and animals, from the molecular level to the whole organisms. It includes a study of their structure, how they function and their relationship to each other. Organisms ranging in complexity from one-celled plants and animals to man are studied from text materials and in the laboratory. The laboratory experience of the student is an integral part of the course. Students are prepared to enroll in Honors Chemistry and Honors Physics in subsequent years.

BIOLOGY I

6220 Grades 10,11,12 C/W 2 Credit 1.50 (R2, W2, N1, PS2, T1, RE1, H2)

6230 Grades 10,11,12 C/W 2 Credit 1.50 (R2, W1, N1, PS1, T1, RE1, H1)

This course involves the study of living things, both plants and animals from the molecular level to the whole organisms. It includes a study of their structure, how they function and their relationship to each other. Organisms ranging in complexity from one-celled plants and animals to man are studied from text materials and in the laboratory. The laboratory experience of the student is an integral part of the course.

BIOLOGY II

6260 Grade 12 C/W 2 Credit 1.50 (R3, W1, N1, PS2, T1, RE1, H2)

This course involves a comprehensive coverage of biological principles. Emphasis is placed on biochemistry, Botany, Genetics and human biology. The course develops an understanding of the underlying principles of biology, as well as the unity, diversity and continuity found in living organisms. It provides for a more mature and detailed presentation of content than in Biology I.

Biology/UCT

6270 Grade 12 C/W 1 Credit 1.50 (R3, W1, N1, PS2, T1, RE1, H2)

This course reviews and broadens the scope of material taught in first year biology. This course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. As such, the pace will be rigorous. (Earning credit in this course will allow some students, as college freshmen, to undertake upper-level courses in biology or to register for courses for which biology is a prerequisite. Other students may have fulfilled a basic requirement for a laboratory science course and will be able to undertake other courses to pursue their majors. Students who satisfactorily complete this course may receive up to 8 college credits issued by the University of Connecticut for their Biology 107-108 sequence.)

AP Biology

6280 Grade 12 C/W 1 Credit 1.50 (R3, W1, N1, PS2, T1, RE1, H2)

This is the most rigorous of the Biology offerings, designed to be the equivalent of a college introductory course usually taken by biology or science majors during their first year of college. AP Biology content focuses on Molecules and Cells, Hereditary and Evolution, Organisms and Populations, and includes extensive laboratory experiences. Primary emphasis in the AP Biology course will be on developing an understanding of the concepts rather than on memorizing terms and technical details. Essential to this conceptual understanding are the following: a grasp of science as a process rather than an accumulation of facts; personal experience in scientific inquiry; recognition of unifying themes that integrate the major topics of biology; and application of biological knowledge and critical thinking to environmental and social concerns. The AP Biology course is designed to be taken by students after the successful completion of a first course in high school biology and one in high school chemistry. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology.

CHEMISTRY I – Honors

6310 Grade 10,11 C/W 1 Credit 1.50 (R1, W1, N3, PS3, T1, R2, H3)

Honors Chemistry is designed for the honors program in Science. Students will be prepared to enroll in Honors Physics in subsequent years. Same as Chemistry 6320, but subjects are covered in greater depth, including Hess's Law and significant figures. The Honors level classes also complete 6 – 8 formal labs per year, as well as 2 – 4 special topics reports per year. Those grade 10 students not recommended for Honors Chemistry I will not be allowed to take it until their junior year.

CHEMISTRY I

6320 Grades 11,12 C/W 2 Credit 1.50 (R1, W1, N3, PS3, T1, R1, H2/H3)

The basic course studies the fundamental concepts and laws of chemistry. Emphasis is focused on the mathematics solution of problems, as well as laboratory techniques. This course gives the student a good background in the theory of chemistry and is designed to develop a sound scientific attitude. A strong math background is required.

CHEMISTRY I

6330 Grades 11,12 C/W 2 Credit 1.50 (R1, W2, N2, PS2, T1, RE1, H1)

The basic course studies the fundamental concepts and laws of chemistry. Emphasis is focused on the conceptual understanding of chemistry, as well as laboratory techniques. This course gives the student a good background in the theory of chemistry and is designed to develop a sound scientific attitude.

AP CHEMISTRY/UCT - Honors

6360 Grade 12 C/W 1 Credit 1.50 (R2, W1, N3, PS3, T1, RE1, H3)
Grade 11 but only with approval of Science Department Chair

This course is an expansion and extension of the basic course in chemistry. Second year chemistry is fast paced and rigorous. Provision exists for a more mature presentation of content and for a more extensive laboratory experience than is feasible in Chemistry I. Major topics include atomic theory and structure, chemical bonding and molecular geometry, gases and the Kinetic-Molecular Theory liquids, solids, and solutions, reactions and stoichiometry including precipitation reactions, acid-base reactions, and oxidation-reduction reactions, equilibrium (including buffers), kinetics, thermodynamics, electrochemistry and nuclear chemistry. Descriptive chemistry as well as laboratory experiments compose approximately 20% of the course.

AP Chemistry/UCT is designed to be the equivalent of the general chemistry course usually taken during the first college year. This allows some students to undertake, as freshmen, second year work in the chemistry sequence at their school, or frees them from freshmen requirements so they enroll in other

courses.

CHEMISTRY II - Honors

6370 Grade 12 C/W 1 Credit 1.50 (R2, W1, N3, PS3, T1, RE1, H3)

This course follows the UConn/AP format and content, but at a slower pace. Various topics such as formation equilibria and complex ions are omitted to allow for extra time in other areas. While the students will be well prepared for a college chemistry course, there is no guarantee they will have covered all content by the AP exam.

CURRENT TOPICS IN SCIENCE

6930 Grade 12 C/W 3 Credit .50 (R2, W2, N2, PS2, T2, RE1, H1)

This course is required for students who need to fulfill Science CAPT graduation requirement during their senior year. Emphasis will be on current topics in science and their relationship to everyday life. Students will develop analytical skills related to the processes of science; gathering data, interpreting data and formulating conclusions regarding a variety of science related topics. Use of technology and Internet for data collection and analysis will be utilized. Course is only open to seniors requiring Science CAPT graduation requirement. Successful completion of this course will fulfill graduation requirements of NCLB for students who have not met proficiency on Science CAPT.

ECOLOGY

6630 Grades 11,12 C/W 2 Credit .50 (R2, W1, N1, PS1, T2, RE1, H1)

This biology course deals with the relationship between plants and animals and their environment. Pollution of land, water, air and living tissues is stressed as both an aesthetic problem and a major disturbance to the intricate balance of nature. The effects of over-population are also considered in depth. The course involves lecture and discussion, as well as utilization of laboratory and library facilities. Field trips are included when feasible.

FUNDAMENTALS OF GENERAL SCIENCE and EXPERIMENTAL DESIGN – Honors

6110 Grade 9, 10 C/W 1 Credit 1.00 (R2, W2/W3, N2, PS3, T1, RE1, H3)

Honors General Science is designed as a special, rigorously paced course for students who have an excellent background in middle school science, reading comprehension, and mathematics. This course involves an in-depth study of the fundamental laws of aspects of physics and chemistry, with connections to life and earth sciences. Proficiency in mathematics and the ability to use mathematical relationships will be relied upon during the discussions.

FUNDAMENTALS OF GENERAL SCIENCE and EXPERIMENTAL DESIGN

6120 Grade 9, 10 C/W 2 Credit 1.00 (R2, W2, N1/N2, PS2, T1, RE1, H2/H3)

Can be taken at any grade level, but is primarily for ninth grade students. This course is designed primarily for students planning to attend college. The course will investigate the fundamental laws of aspects of physics and chemistry, with connections to life and earth sciences.

FUNDAMENTALS OF GENERAL SCIENCE and EXPERIMENTAL DESIGN

6130 Grade 9, 10 C/W 2 Credit 1.00 (R2, W1, N1, PS2, T1, RE1, H2)

Can be taken at any grade level, but is primarily for ninth grade students. This course is designed primarily for students planning to attend college. The course will investigate the fundamental laws of aspects of physics and chemistry, with connections to life and earth sciences.

PHYSICS I – Honors

6810 Grade 11, 12 C/W 1 Credit 1.50 **(R1, W1, N3, PS3, T1, RE1, H2)**

Honors Physics investigates the fundamental concepts of introductory physics. Content emphasis is on classical mechanics, optics, electricity, and other selected topics. Similar to Physics 6820, but subjects are covered in greater depth and with greater mathematical detail. A strong background of mathematics is required, especially as related to trigonometry and geometry. Laboratory skills and methods are emphasized.

PHYSICS I

6820 Grades 11,12 C/W 2 Credit 1.50 **(R1, W1, N3, PS3, T1, RE1, H2)**

Physics I is designed principally for the serious-minded, college-bound student. Stressed are the fundamentals of classical physics, their underlying theories and analytical consequences. Development and testing of major theories will be done in the laboratory. Their practical application will be made when feasible.

PHYSICS II - HONORS

6830 Grade 12 C/W 1 Credit 1.50 **(R2, W1, N3, PS3, T1, RE1, H3)**

This course is an expansion and extension of the basic course in physics. The course investigates matter and energy and the interactions between the two, grouped into six major topics: mechanics, thermodynamics, electricity and magnetism, optics, and modern physics, including relativity and quantum mechanics. The course is algebra based.

AP PHYSICS B

6840 Grade 12 C/W 1 Credit 1.50 **(R2, W1, N3, PS3, T1, RE1, H3)**

A continuation of introductory physics, the science of matter and energy and the interactions between the two, grouped in six major topics: including relativity and quantum mechanics.

This class is a year long, algebra-based university equivalent introduction to the concepts of classical and modern physics. The course is mathematically oriented and will use laboratory experiences where appropriate. The pace and workload for the course will be rigorous. This course has been designed to prepare interested students for the AP Physics B Exam.

PHYSICS /UCT

6850 Grade 12 C/W 1 Credit 1.50 **(R2, W1, N3, PS3, T1, RE1, H3)**

A continuation of introductory physics, the science of matter and energy and the interactions between the two, grouped in six major topics: including relativity and quantum mechanics.

This class is a year long, algebra-based university equivalent introduction to the concepts of classical and modern physics. The course is mathematically oriented and will use laboratory experiences where appropriate. The pace and workload for the course will be rigorous. Students who satisfactorily complete this course may receive up to 8 college credits issued by the University of Connecticut for their Physics 121 and 122 sequence.

SOCIAL STUDIES

Course Summary

9			Foundations of World Civilizations–Honors	4010	C/W 1	.50
9			Foundations of World Civilizations	4020	C/W 2	.50
9			Foundations of World Civilizations	4030	C/W 3	.50
	11		*AP U.S. History (Cont. U.S. Hist.)	4350	C/W 1	.50
	11		Contemporary U.S. History/Civics	4370	C/W 2	.50
	11		Contemporary U.S. History/Civics	4380	C/W 3	.50
10			Contemporary World Civilization–H	4110	C/W 1	.50
10			Contemporary World Civilization	4120	C/W 2	.50
10			Contemporary World Civilization	4130	C/W 3	.50
10			*AP U.S. History (Early Am. Hist.)	4200	C/W 1	.50
10			Early American History/Civics	4220	C/W 2	.50
10			Early American History/Civics	4230	C/W 3	.50
9			Early Modern Civilization–Honors	4060	C/W 1	.50
9			Early Modern Civilization	4070	C/W 2	.50
9			Early Modern Civilization	4080	C/W 3	.50
	11		*AP U.S. History (Modern U.S. Hist/Civics)	4300	C/W 1	.50
	11		Modern U.S. History / Civics	4320	C/W 2	.50
	11		Modern U.S. History / Civics	4330	C/W 3	.50
	11		American Studies	4710	C/W 2	1.00
ELECTIVES						
10	11	12	Anthropology	4280	C/W 2	.50
	11	12	(N) Business Law	2760		1.00
	11	12	Economics	4430	C/W 2	.50
		12	Ind. Studies–Half Year - R/H	4450	C/W 2/1	.50
		12	Ind. Studies – Full Year - R/H	4470	C/W 2/1	1.00
		12	Law and Society	4400	C/W 2	.50
10	11	12	Modern American Problems	4290	C/W 2	.50
9	10	11	(N) Personal Finance	2150		1.00
		11	12 Political Science/Civics	4530	C/W 2	.50
		12	Psychology	4650	C/W 2	.50
	11	12	AP Psychology	4660	C/W 1	1.00
		12	(UCT) WORLD HIST/UCT	4410	C/W 1	1.00
			(N) Naugatuck Valley Community College (College Credit Program)			
			(UCT) University of Connecticut (College Credit Program) (available to Juniors and Seniors)			

For the required courses three levels are offered. Reading and writing ability and performance in previous courses provide guidelines for proper course selection. For each level tests and final exams differ. However, the core of the curriculum remains consistent, allowing the student to apply the course credit toward college admission.

***To earn AP credit, a student must take the AP exam in United States History and meet the designated scoring criteria set forth by the individual colleges/universities. Further information may be found at www.collegeboard.com/ap/creditpolicy.**

THE FOLLOWING ARE GOALS OF THE HISTORY AND SOCIAL SCIENCE PROGRAM:

1. To help students achieve knowledge about western and non-western civilizations from ancient to contemporary times.
2. To expand student knowledge about American History and acquire an understanding of their civic responsibilities.
3. To improve student research and writing skills employing performance based assessments, document based learning, and individual projects that demand use of technology and library media resources, and critical analysis.
4. To offer students the opportunities to study and explore a variety of electives in social sciences.
5. To provide learning experiences that will improve student skills to achieve success on standardized

tests such as the CAPT and the SAT.

AMERICAN STUDIES - FULL YEAR

4710 Grade 11 C/W 2 Credit 1.0 (2.0 total with English credit) **(R3, W3, N1, PS1, T1, RE2, H3)**

This course is co-taught with a History and English teacher and will explore the enduring questions, debates, and conflicts of the American people through a thematic approach to studying America's past. These themes, such as the American Dream, will be studied from both a historic and literary perspective. This course will be scheduled as a double-period and students will receive 1.0 credit in American History and 1.0 credit in American Literature. To satisfy state graduation requirements, students enrolled in this course must have already passed Early American History or take and pass Political Science/Civics in either grade 11 or 12.

PREREQUISITE: Early American History (or pass Political Science/Civics in gr.11 or 12)

ANTHROPOLOGY (Elective)

4280 Grades 10,11,12 C/W 2 Credit .50 **(R2, W1, N1, PS2, T1, RE1, H3)**

In this course, students will explore and compare the physical, cultural and social variations of human populations from pre--historic to the present. Cross-cultural distinctions and likenesses shall be given consideration throughout the course. Aspects of archeology, linguistics, and ethnology shall be integrated as part of the study. Students enrolled should be reading at a grade 12 level.

PREREQUISITE: Two (2) semesters of World Civilizations. Instructor and department chair approval required for sophomores.

BUSINESS LAW College Career Pathways (College Credit) Program

Social Science Elective Credit

2760 Grade 11, 12 Credit 1.00 **(R2, W1, N1, PS2, T1, RE1, H1)**
NVCC (BGG*H231) Credits 3.00

This interesting and important course in business law covers the basic legal principles, which should be known by anyone eighteen years of age, or older who is engaged in everyday activities and seeking to avoid involvement in litigation. The course covers such subjects as law for minors, contracts, fraud, employment, landlord/tenant law, insurance, business ownership, and legal rights and responsibilities.

***CONTEMPORARY UNITED STATES HISTORY/CIVICS - SEM 2**

4350 Grade 11 AP U.S. History (Cont. U.S. Hist.) C/W 1 Credit .50 **(R3, W3, N1, PS2, T1, RE2, H3)**
4370 Grade 11 C/W 2 Credit .50 **(R2, W2, N1, PS1, T1, RE1, H3)**
4380 Grade 11 C/W 3 Credit .50 **(R2, W2, N1, PS1, T1, RE1, H2)**

This course covers American History from World War II to the present. Specific topics related to the American political process, civic issues, foreign relations and the free enterprise market system are included. The AP level curriculum will follow the expectations of the AP exam and will require a greater degree of independent work on the part of the student.

CONTEMPORARY WORLD CIVILIZATION - SEM 1

4110 Grade 10-H C/W 1 Credit .50 **(R3, W3, N1, PS2, T1, RE2, H3)**
4120 Grade 10 C/W 2 Credit .50 **(R2, W2, N1, PS1, T1, RE1, H2)**
4130 Grade 10 C/W 3 Credit .50 **(R2, W2, N1, PS1, T1, RE1, H2)**

This course completes the required sequence of world civilization courses. It surveys the development of world civilizations and events from the later 19th century to the present.

PREREQUISITE: Foundations of World Civilizations and Early Modern Civilizations

***EARLY AMERICAN HISTORY/CIVICS - SEM 2**

4200	Grade 10 AP U.S. History (Early Am. Hist.)	C/W 1	Credit .50	(R3, W3, N1, PS2, T1, RE2, H3)
4220	Grade 10	C/W 2	Credit .50	(R2, W2, N1, PS1, T1, RE1, H2)
4230	Grade 10	C/W 3	Credit .50	(R2, W2, N1, PS1, T1, RE1, H2)

This is the first of three semesters of American Studies. It covers the United States history from the beginning through the Civil War. The AP level curriculum will follow the expectations of the AP exam and will require a greater degree of independent work on the part of the student.

EARLY MODERN CIVILIZATION - SEM 2

4060	Grade 9 - Honors	C/W 1	Credit .50	(R3, W3, N1, PS2, T1, RE2, H3)
4070	Grade 9	C/W 2	Credit .50	(R2, W2, N1, PS1, T1, RE1, H2)
4080	Grade 9	C/W 3	Credit .50	(R2, W2, N1, PS1, T1, RE1, H2)

In this course, students continue their study of world civilizations after Ancient and Medieval. It begins with the 15th century and brings students to the later 19th century period of imperialism.

PREREQUISITE: Foundations of World Civilizations

ECONOMICS (Elective)

4430	Grade 11,12	C/W 2	Credit .50	(R2, W2, N3, PS2, T1 RE1, H2)
------	-------------	-------	------------	-------------------------------

Students are exposed to the basic principle of economics with emphasis on the United States economy, macro and micro economics, taxation, money and banking. The students will also have the opportunity to use computers to simulate market conditions and to form a company of their own to produce, market, and sell a product.

PREREQUISITE: U.S. History

FOUNDATIONS OF WORLD CIVILIZATIONS - SEM 1

4010	Grade 9-Honors	C/W 1	Credit .50	(R3, W3, N1, PS2, T1, RE2, H3)
4020	Grade 9	C/W 2	Credit .50	(R2, W2, N1, PS1, T1, RE1, H2)
4030	Grade 9	C/W 3	Credit .50	(R2, W2, N1, PS1, T1, RE1, H2)

This is the first in a series of three required one-semester courses, which survey the evolution and development of world civilizations through time. In this course students will explore political, social, religious and economic developments in the world through the fall of the Roman Empire.

LAW AND SOCIETY

4400	GRADE 12	C/W 2	Credit .50	(R2, W2, N1, PS2, T1, RE2, H3)
------	----------	-------	------------	--------------------------------

This course is designed to provide a student-oriented look at basic principles of the law and the procedures in applying these principles. Students would become acquainted with the basic tenets of criminal, civil business and consumer laws through text assignments and case studies.

PREQUISITE: U.S. History

MODERN AMERICAN PROBLEMS

4290	Grade 10, 11, 12	C/W 2	Credit .50	(R2, W1, N1, PS2, T1, RE2 H3)
------	------------------	-------	------------	-------------------------------

This course focuses on current problems facing the American public. Flexibility is the keynote of this course which concentrates on social issues of our times but which do not overlook political and economic aspects of these issues.

PREREQUISITE: Two (2) semesters of World Civilizations. Instructor and department chair approval required for sophomores.

***MODERN U.S. HISTORY/CIVICS - SEM 1**

4300	Grade 11 AP U.S. History (Modern U.S. Hist/Civics)	C/W 1	Credit .50	(R3, W3, N1, PS2, T1, RE2, H3)
4320	Grade 11	C/W 2	Credit .50	(R2, W2, N1, PS1, T1, RE1, H3)
4330	Grade 11	C/W 3	Credit .50	(R2, W2, N1, PS1, T1, RE1, H2)

This course offers a complete study of American History from the post Civil war period of Reconstruction to the initial entry by the United States into World War II. The AP level curriculum will be directed to the expectations of the AP exam and will require a greater degree of independent work on the student's part.

PREREQUISITE: Early American History

PERSONAL FINANCE College Career Pathways (College Credit Program) (Elective)

2150	Grade 9,10,11,12	Credit 1.00	(R2, W2, N3, PS2, T1, RE1, H1)
	NVCC (ECNH130)	Credits 3.00	

Personal Finance is devoted to the study of managing one's personal finances and planning one's financial future. Basic facts about money management, risk management, consumer rights and responsibilities, and financial services will be explored.

POLITICAL SCIENCE/CIVICS

4530	Grade 11,12	C/W 2	Credit .50	(R2, W2, N1, PS1, T1, RE2, H3)
------	-------------	-------	------------	--------------------------------

This course contains the study of theories of government, the application and interpretation of the United States Constitution, evolution of presidential power, political parties and pressure groups. Also included is a unit on state and local government, as well as one on international politics with emphasis on United States foreign relations and civic responsibilities.

PREREQUISITE: U.S. History

***AP PSYCHOLOGY (Pending Board of Education Approval)**

4660	Grade 11, 12-Honors	C/W 1	Credit 1.0	(R1, W1, N1, PS2, T1, RE3, H3)
------	---------------------	-------	------------	--------------------------------

The purpose of this course is to help students understand their own behavior and the behavior of others. The following topics are covered: principles of learning, the process of thinking, patterns of human behavior, mental health, family and other social institutions and social attitudes. The AP level curriculum will follow the expectations of the AP exam and will require a greater degree of independent work on the part of the student.

PSYCHOLOGY (Elective)

4650	Grade 12	C/W 2	Credit .50	(R2, W1, N1, PS2, T1, RE1, H3)
------	----------	-------	------------	--------------------------------

The purpose of this course is to help students understand their own behavior and the behavior of others. The following topics are covered: principles of learning, the process of thinking, patterns of human behavior, mental health, family and other social institutions and social attitudes.

PREREQUISITE: U.S. History

WORLD HISTORY/UCT

4410	Grade 12-Honors	C/W 1	Credit 1.00	(R2, W3, N1, PS1, T1, RE3, H3)
------	-----------------	-------	-------------	--------------------------------

This is a college freshman level course for which a student may receive six college credit hours from the University of Connecticut. The course covers ancient, medieval and modern civilizations.

SPECIAL EDUCATION

Students enrolled in this program are referred by the school's Planning and Placement Team (PPT). The program of study is designed as an individualized education program and is tailored to meet the needs of the individual student. These programs are governed under strict guidelines as set forth by the State of Connecticut. The PPT decision has priority in determining the special education student's final placement. A minimum of twenty (20) credits are required for graduation. As required by law, parents must be involved in the planning of the individual student's program.

While all course offerings listed in the Masuk High School program of Studies are generally available to Special Education Students at Masuk the following is a listing and description of courses provided in the Special Education Department.

The program consists of a combination of courses in the areas listed below:

1. **Mainstream Classes** - These are the regular education classes as described in this Program of Studies book.
2. **Adjusted Curriculum Mainstream Classes** - These regular education classes are described in this Program of Studies book. The curriculum of these classes have been slightly modified to meet the needs of the special education students.
3. **Team Taught Classes** - These regular education classes are described in this Program of Studies book. These courses are taught by two (2) teachers, a regular education teacher and a special education teacher.
4. **Guided Learning** - These classes are designed to assist the special education student in developing strategies for academic success. This one (1) credit course provides the student with knowledge of his/her individual style and study skills. Study skills instruction is provided to the students.
5. **Adjusted Curriculum Special Education Classes** - These classes are taught by a special education teacher with a higher teacher-to-student ratio. The class curriculum corresponds, as much as possible, with the regular education class curriculum, but the student's learning style and special needs are taken into consideration to provide a more individualized educational setting.
6. **Monroe Vocational Program (M.V.P.)** - This program is designed to provide life skills and vocational training to students with handicaps. This program emphasizes appropriate job and work behavior and provides students with the basic skills necessary to promote independence.
7. **Alternative Schools** - These programs are available to students at Masuk High School. These programs are housed off the campus of Masuk. The students receive education in the five major subject areas as an individual program based on their individual needs.

ADJUSTED CURRICULUM SPECIAL EDUCATION COURSES

English/Reading			
9060	AC Literature	R2, W1, T1, RE1, H1	1.00
9020	AC Language Arts	R1, W2, T1, T1, RE1, H1	1.00
9120	AC Reading	R2, W2, H1	1.00
9260	AC Reading/Writing	R2, W2, H1	1.00
Mathematics			
9040	AC Consumer Math	N2, PS2, T1, RE1, H1	1.00
9140	AC Mathematics	N2, PS2, T1, RE1, H1	1.00
9240	AC General Math	N2, PS2, T1, RE1, H1	1.00
9340	AC Pre-Algebra	N2, PS2, T1, RE1, H1	
Social Studies			
9090	AC European History	R2, W2, H1	1.00
9110	AC U.S. History	R2, W2, H1	1.00
9230	AC Social Studies	R2, W2, H1	1.00
9320	AC Civics	R2, W2, H1	
Science			
9080	AC Science/Health	R3, W3, PS2, T3, RE1, H2	1.00
9180	AC Biology	R3, W3, PS2, T3, RE1, H2	1.00
9200	AC Earth Science	R3, W3, PS2, T3, RE1, H2	1.00
Guided Learning			
9500	Guided Learning I	R1, W1, N1, PS1	1.00
9510	Guided Learning I	R1, W1, N1, PS1	.50
9540	Guided Learning II	R2, W2, N1, PS1	1.00
9550	Guided Learning II	R2, W2, N1, PS1	.50
9560	Guided Learning III	R2, W2, N1, PS1	.50
Work Study			
9730	Life Skills	R1, W1, N1, PS1, T1, RE1, H1	1.00
9740	MVP Work I	R1, W2, N2, PS1, T1, RE3, H1	1.00
9750	MVP Work II	R1, W2, N2, PS1, T1, RE3, H1	1.00

SPECIAL PROGRAMS

CAREER INTERNSHIP PROGRAM

Grades 9,10,11,12

Credit .25 to 1.00

The Career Internship Program offers an opportunity for career exploration. The program is designed to familiarize students with the working world outside the school setting by shadowing people in a wide variety of careers. Internships offered in the past have included the fields of architecture, banking, chemistry, engineering, fashion, health services, communications, business, cosmetology, education, law enforcement, psychology and many others. Internships can be designed for the student based on individual interests. The amount of credit earned is based on the number of hours the student participates. Interested students should see their counselor.

MINIMUM REQUIREMENTS:

1. At least twenty hours spent with internship supervisor
2. Evaluation report and exit paperwork

REGIONAL PROGRAMS

THE REGIONAL CENTER FOR THE ARTS PROGRAM

8320 Grades 9,10,11,12 Credit 1.00

Regional Center for the Arts is a part-time performing arts magnet school. Courses are offered in dance, musical theatre, acting, instrumental music and video. Classes are held Monday through Thursday from 1:30p.m. to 4:30p.m. Visit www.ces.k12.ct.us for more information. This course may meet either the physical education or the arts requirement for graduation. This decision must be made by June of the preceding school year by the student and guidance counselor. Transportation is provided by the district. Applications are available in the Guidance Office and must be signed by a Guidance Counselor.

REGIONAL MARINE STUDIES PROGRAM

6760 Grades 9,10,11,12 C/W 2 Credit 3.00

This program offers hands-on training in the various skills and areas of study associated with man's use of the sea. Students will attend special classes at a waterfront classroom and laboratory facility, a boat building and repair shop, aboard boats and educational ships and at field sites of ecological interest. Areas of study covered include: boat handling and seamanship, marine science and environmental concerns, fishing and aquaculture, swimming and water safety, boat building, vessel repair and maintenance, nautical drafting and more.

Regular academic classes will be attended at the student's home school. Students from Milford, Stratford, Bridgeport, Fairfield, Shelton, Trumbull and Monroe are eligible. This course may also be taken for Technical Education or Physical Education credits and a Social Studies credit is included. See your guidance counselor for more information.

TECHNOLOGY EDUCATION

Course Summary

	10	11	12	Advance Materials Processing	7130		1.00
	10	11	12	Architectural Drawing I	7650		1.00
		11	12	Architectural Drawing II	7670		1.00
9	10	11	12	Careers In Food Preparation	8530		.50
	10	11	12	Child Development *	8920		1.00
		11	12	Computer Graphics	7430		1.00
	10	11	12	Construction Technology	7120		1.00
	10	11	12	Culinary Arts I	8510		1.00
		11	12	Culinary Arts II	8570		1.00
9	10	11	12	Drafting I	7550		1.00
9	10	11	12	Electricity Technology	7800		.50
9	10	11	12	Interior Design	8540		.50
9	10	11	12	Fashion Design	8580		.50
	10	11	12	Photography I – SCSU	7760 **		.50
		11	12	Photography II – SCSU	7460 **		1.00
		11	12	Photography III	7480		1.00
			12	Photography IV	7440		1.00
		11	12	Pre-Engineer Drafting-Honors – NVCC	7950 *	C/W 1	1.00
9	10	11	12	Woodworking Technology	7110		.50

* **NVCC: Naugatuck Valley Community College**

** **SCSU: Southern Connecticut State University College**

SAFETY STANDARDS FOR ALL TECHNOLOGY EDUCATION COURSES:

Students are required to master the specific safety standards within each skill area. Eye protection must be worn when instructed to do so.

ADVANCED MATERIALS PROCESSING

7130 Grades 10, 11, 12 Credit 1.00 **(R1, W1, N1, PS2, T3, RE3, H1)**

Students in this class will be given the opportunity to use advanced computer driven hardware and other shop machinery to produce sophisticated products from woods, plastics, and metals. Students will work individually and in teams to mass produce products. Various aspects of economics and business administration will be addressed in this class.

PREREQUISITE: Electricity Technology or Wood Technology, grade of “C-“ or better in Electricity Technology or Wood Technology.

ARCHITECTURAL DRAWING I

7650 Grades 10,11,12 Credit 1.00 **(R1, W1, N2, PS3, T3, RE3, H1)**

This course is an introduction to architectural drafting and home design. Through the year each student will be required to design their own \$150,000 - \$300,000 home, developing a complete set of plans for its construction, as well as build a scale model of the same structure.

SPECIFIC REQUIREMENTS:

All students must:

1. complete a full set of working drawings for a large traditional two-story dwelling, including all necessary elevations, details, foundation plans, floor plans and perspective
2. build a scale model of the structure
3. complete a minimum of three drawings on the Computer Aided Drafting System (CAD) system.

PREREQUISITE: Drafting I

ARCHITECTURAL DRAWING II

7670 Grades 11,12 Credit 1.00 (R1, W1, N2, PS2, T3, RE2, H1)

This course is intended to be an extension of Architecture I and all its practices. Students will be required to design a contemporary home, employing various architectural styles while taking into consideration topography, climate, passive solar energy, interior design, etc.

SPECIFIC REQUIREMENTS:

All students must:

1. complete a full set of working drawings for a large contemporary, two-story dwelling including all necessary details, sections, floor plans, plot plan, and perspective. All of these drawings must be completed on the Computer Aided Drafting System (CAD) system
2. build a scale model of the structure

PREREQUISITE: Architectural Drawing I

CAREERS IN FOOD PREPARATION

8530 Grades 9, 10, 11, 12 Credit .50 (R1, W1, N1, PS2, T2, RE1, H1)

Students in this class will be given the opportunity to produce food items while focusing on skills for success in the food service industry. Students will receive feedback from faculty and staff members who may opt to purchase items produced in this class. This is a valuable course offering in a busy society where quick and balanced meal production is a priority.

CHILD DEVELOPMENT

8920 Grades 10,11,12 Credit 1.00 (R1, W1, N1, T1, PS1, RE1, H1)
NVCC (ECE-101) Credit 3.00

This is a full-year course designed for students who desire to understand the emotional, mental, social and physical development of the child from prenatal to five years of age. Child Development is a helpful course for students interested in becoming a teacher.

The highlight of the course is a nursery school for three- and four-year olds, planned and operated by the students. Each student enrolled in this course will be given opportunities to observe and study children in a planned learning situation.

Naugatuck Valley Community College will grant 3 credits to any student who successfully completes this course with a grade of "C" or better and fulfills all requirements set forth by NVCC. These college credits may be transferred to other colleges and universities.

COMPUTER GRAPHICS

7430 Grades 11,12 Credit 1.00 (R2, W2, N2, PS3, T3, RE2, H1)

This course provides instruction in Macintosh operation. The student will be taught the fundamentals of Quark Express 3.32 and its application. The student will be required to produce all the documentation necessary to run a successful business such as Logo creation, Business Cards, Letterheads, Flyers, Applications, Multi-panel and Multi-page Brochures.

PREREQUISITE: Photography I, instructor's approval required

CONSTRUCTION TECHNOLOGY

7120 Grades 10, 11, 12 Credit 1.00 **(R1, W1, N2, PS3, T3, RE3, H1)**

Students in this class will be provided with opportunities to become familiar with the industry of construction. Basic principles and applications of residential and commercial construction will be addressed in a "hands-on" environment. Students will acquire skills in the areas of: frame construction, site clearing, foundations, framing, sheathing, roofing, windows, doors, electric, and plumbing. Various aspects of economics and business administration will be addressed in this course as they relate to the construction industry.

PREREQUISITES: Electricity Technology or Wood Technology, grade of "C-" or better in Electricity Technology or Wood Technology

CULINARY ARTS I

8510 Grades 10, 11, 12 Credit 1.00 **(R1, W1, N1, PS2, T2, RE1, H1)**

Students will learn basic, classic cooking techniques in the context of a professional kitchen. Principles of baking, cooking meats, vegetables, soups and the preparation of salads and hors d'oeuvres will be covered, as well as learning safety and sanitation. Students must purchase an apron and hat.

CULINARY ARTS II

8570 Grades 11, 12 Credit 1.00 **(R1, W1, N1, PS2, T2, RE1, H1)**

A continuation of Culinary Arts I, students will learn aspects of food preparation and presentation as well as restaurant management, safety and sanitation, menu design and the principles of customer service. Cooking techniques will include the preparation of classic sauces, the use of seasonings, and the preparation of regional American and International Cuisine. Two labs per week. Students must purchase a chef jacket, apron and hat.

PREREQUISITE: Culinary Arts I

DRAFTING I

7550 Grades 9,10,11,12 Credit 1.00 **(R1, W1, N2, PS2, T1, RE1, H1)**

Drafting I develops a person's skill to understand the language of lines and shapes as it is used to convey ideas in industrial technologies, technical science as well as industry. The areas of learning include: pictorial drawing; i.e., orthographic projections, obliques, isometrics, metrics, with an introduction to computer aided drafting as it is applied to drafting with emphasis given to individual student needs. This course provides the common basis for all further drafting courses.

ELECTRICITY TECHNOLOGY

7800 Grades 9,10,11,12 Credit .50 **(R2, W2, N2, PS3, T3, RE3, H1)**

Electricity Technology is a half-year course developed to introduce students to the basic fundamentals and procedures in safe electrical wiring. Electrical principles and practices, as well as a thorough understanding of residential wiring devices and electrical code requirements are simply explained and made easy to understand.

FASHION DESIGN

8580 Grades 9, 10, 11, 12 Credit .50 **(R1, W1, N1, PS2, T2, RE1, H1)**

The Fashion Design class explores famous designers, the history of clothing, computer pattern making, construction fundamentals and fashion drawing. The beginning course has students making decisions about their own clothing and learning about fashion careers.

INTERIOR DESIGN

8540 Grades 9, 10, 11, 12 Credit .50 (R1, W1, N1, PS1, T1, RE1, H1)

This is a special interest course in which students will study the various aspects of housing and home design. Emphasis will be placed on project work, which will allow students to apply the fundamentals of choosing, purchasing, and furnishing a home. Architecture styles and period furniture will be studied.

PHOTOGRAPHY I

7760 Grades 10,11,12 Credit .50 (R1, W1, N2, PS2, T3, RE2, H2)
SCSU - Art 262 Credit 3.00

Students will be taught the fundamentals of 35mm camera operation. Composition, perspective, and balance will be stressed. The second segment of the course will consist of black and white film processing for print enlargement.

The final segment of the program will cover darkroom techniques, such as print enlargement, cropping, dodging, and print contrast alteration. The esthetics of image making will be of primary concern in the final project.

Southern Connecticut State University will grant 3 credits to students who complete this course with a grade of "B" or better. These college credits may be transferred to other colleges and universities.

SPECIFIC REQUIREMENTS: Students must provide their own film photographic paper, 35mm SLR camera with adjustable shutter, lens opening and focusing control, point and shoot cameras are not acceptable in this class. It is important that the camera and batteries have been checked out are in good working order prior to the first day of class. If there should be any questions, please contact the instructor for assistance.

PHOTOGRAPHY II

7460 Grade 11,12 Credit 1.00 (R2, W1, N2, PS3, T3, RE2, H2)
SCSU - Art 262/362 Credit 3.00

This course provides advanced study in black and white photography. Architecture, landscapes, still life, copy shooting and times exposure will be covered. Darkroom techniques such as burning, dodging, solarization and vignetting will be demonstrated. In the second segment of the program the students will be introduced to 35mm studio photography with tungsten and flash lighting. In the final phase of the course, the students will be taught window mat cutting and dry-mounting procedures for presentation purposes.

Southern Connecticut State University will grant 3 credits to students who successfully complete this course with a grade of "B" or better. These college credits may be transferred to other colleges and universities.

SPECIFIC REQUIREMENTS: Student must provide their own 35mm manual camera, photo paper and film. It is recommended that the student obtain a tripod and a flash unit for this course.

PREREQUISITE: Photography I, instructor's approval required

PHOTOGRAPHY III

7440 Grade 12 Credit 1.00 (R2, W1, N2, PS3, T3, RE2, H2)
SCSU - Art 262/362 Credit 3.00

This course is tailored toward the advanced photography student. The student will be involved in traditional as well as special effects photography. It is expected that each student will compete in state and local competitions.

PREREQUISITE: Photography II, instructor's approval required

PHOTOGRAPHY IV

7440 Grade 12 Credit 1.00 **(R2, W2, N2, PS3, T3, RE3, H2)**
SCSU - Art 262/362 Credit 3.00

Photography for only the most advanced student. This course has been created so that the serious photographer will be given the opportunity to assemble a portfolio as in introduction to an institution of higher learning.

PREREQUISITE: Photography III, instructor's approval required

PRE-ENGINEERING DRAFTING - Honors – NVCC

7950 Grades 11,12 C/W 1 Credit 1.00 **(R1, W1, N3, PS3, T3, RE3, H1)**
NVCC (CAD-1203) Credit 3.00

Pre-Engineering Drafting is designed as an elective to aid those college prep juniors and seniors interested in schools of higher learning; i.e., engineering school, the opportunity to enhance their knowledge in the field of graphic communications. Emphasis will be placed on the various techniques of drawing such as orthographic projections, isometrics, obliques, CAD (computer aided drafting), sectioning, perspectives, shading, sketching, development of pattern work and metrics in drafting. Besides studying these methods of communications, problem solving and idea developing will be explored.

Naugatuck Valley Community College will grant 3 credits to any student who successfully completes this course with grade of "B-" or better and fulfills all requirements set forth by NVCC. These college credits may be transferred to other colleges and universities.

PREREQUISITE: Algebra I, Geometry, no prior drafting classes, and instructor's approval

WOODWORKING TECHNOLOGY

7110 Grades 9,10,11,12 Credit .50 **(R1, W1, N2, PS2, T2, RE3, H1)**

This course covers the use of basic woodworking hand tools, materials and machinery. It includes planning, designing and drawing several small projects, as well as constructing and finishing the projects. Payment for material is required for personal projects.

VISUAL ARTS

Course Summary

		11	12	AP Studio Art: Drawing	8190	1.00	C/W 1
	10	11	12	Basic Art Skills 2-D Design	8000	.50	
9	10	11	12	Basic Art Skills 2-D / 3-D Design	8010	1.00	
	10	11	12	Ceramics I	8050	.50	
	10	11	12	Ceramics II	8150	.50	
9	10	11	12	Drawing I	8070	.50	
	10	11	12	Drawing II	8160	.50	
	10	11	12	Painting I	8130	.50	
	10	11	12	Painting II	8140	.50	
	10	11	12	Sculpture I	8110	.50	
		11	12	Studio Art	8180	1.00	
9	10	11	12	Art History	8040	.50	
				(pending BOE approval)			

VISUAL ARTS PROGRAM

Studio art class extends the concepts learned from the k-8 art experience into meaningful works of art. Skills are further developed using art tools, materials, and media at a more advanced level. In referencing important artists and art styles, students analyze and respond to both historical and cultural works of art as well as to reflect upon their own work. Within the 2-D and 3-D studio class, problems need to be solved, aesthetic judgment discussed and higher order thinking skills promoted. It is through the understanding of the art elements and principles of design, that the visual arts program fosters artistic talent and creativity which will allow students to become enriched life long learners in the arts.

VISUAL ARTS DEPARTMENT GOALS:

- Students will understand, select and apply media, techniques and processes.
 - Students will understand and apply elements and organizational principles of art.
 - Students will consider, select and apply a range of subject matter, symbols and ideas.
 - Students will understand the visual arts in relation to history and cultures.
 - Students will reflect upon, describe, analyze, interpret and evaluate their own and others' work.
 - Students will make connections between the visual arts, other disciplines and daily life.
- (adapted from the Connecticut Arts Curriculum Framework)

AP STUDIO ART: DRAWING

8190 Grade 12 C/W 1 Credit 1.00 **(R1, W1, PS2, T1, RE1, H2)**

Advanced studio course taken to develop a portfolio of 29 art works from both in class and outside class assignments. Students will prepare art work for the Drawing Exam portfolio requirements.

College credit may be received for this course. This course is weighted as an Honors Course and counts towards grade point average.

Specific Requirements:

1. sketchbook
2. homework assignments including 3 summer sketches
3. portfolio preparation including digital photography and matting works
4. individual and class critiques

PREREQUISITE: Teacher recommendation, Level I studio and/or Level II studio, Studio Art

ART HISTORY (pending Board approval)

8040 Grades 9, 10, 11, 12 Credit .50

This course introduces a variety of art forms promoting cultural and aesthetic awareness. Students explore artists and art styles and create related art projects. This introduction to important artists and art work, explores the historical context of art from early cave paintings to modern art of the 1900's. Students follow a course outline in class, using resource materials from several art history books, magazines, prints, videos and slides. Students will create their own examples of the art work that reflect the historical context discussed from several important time periods. Pre-requisite: no previous art class

Specific Requirements:

1. research report
2. studio projects
3. notes in class and tests given

BASIC ART SKILLS 2-D DESIGN

8000 Grades 10, 11, 12 Credit .50 (R1, W1, PS2, T1, RE1)

An introductory studio course which involves various 2-D media, tools and materials to develop art skills/concepts using the elements and principles of design necessary in creating drawing, painting, and collage. This course is a Pre-requisite to Level I studio: Drawing I and Painting I.

Specific Requirements:

1. sketchbook
2. research report on historical/cultural artists and styles
3. individual and class critiques

BASIC ART SKILLS 2-D/ 3-D DESIGN

8010 Grades 9, 10, 11, 12 Credit 1.00 (R1, W1, PS2, T1, RE1)

An introductory studio course which involves various 2-D and 3-D media, tools and materials to develop art skills/concepts using the elements and principles of design necessary in creating drawing, painting, ceramics, sculpture, and collage. This course is a Pre-requisite to (Level I studio art: Drawing I, Painting I, Ceramics I, Sculpture).

Specific Requirements:

1. sketchbook
2. research report on historical/cultural artists and styles
3. individual and class critiques

CERAMICS I

8050 Grades 10, 11, 12 Credit .50 (R1, W1, PS2, T1, RE1)

Level I studio course to develop skills/concepts in hand building techniques using the elements and principles of design to create coil, slab, and drupe clay pottery. Students will be introduced to glazing, surface rendering, and wheel thrown pottery. This course is a Pre-requisite to Level II studio: Ceramics II

Specific Requirements:

1. sketchbook
2. research report on historical/cultural artists and styles
3. individual and class critiques

PREREQUISITE: Basic Skills 2-D / 3-D full year

CERAMICS II

8150 Grades 10, 11, 12 Credit .50 **(R1, W1, PS2, T1, RE1)**

Level II studio course advances the development of skills and concepts introduced in wheel thrown pottery, understanding the elements and principles of design. Students will review hand building techniques and continue wheel thrown pottery, using additive and subtractive methods, glazing and attaching. Important artists and art styles will be studied in historical/ cultural context.

Specific Requirements:

1. sketchbook
2. research report on historical/cultural artists and styles
3. individual and class critiques

PREREQUISITE: Ceramics I

DRAWING I

8070 Grades 9, 10, 11, 12 Credit .50 **(R1, W1, PS2, T1, RE1)**

Level I studio course to develop skills/concepts in observational drawing using the elements and principles of design to create still life, portrait, figure study, and landscape drawings. Media used: charcoal, conté crayon, oil pastel, watercolor, and pen/ink. Historical and cultural artists and art styles will be explored.

This course is a Prerequisite to Level II studio: Drawing II

Specific Requirements:

1. sketchbook
2. research report on historical/cultural artists and styles
3. individual and group critiques

PREREQUISITE: Teacher recommendation or Basic Skills 2-D or 2-D/3-D

DRAWING II

8160 Grades 10, 11, 12 Credit .50 **(R1, W1, PS2, T1, RE1, H1)**

Level II studio course advances development of skills/concepts in observational drawing using the elements and principles of design to allow individual concentration of subject and media: still life, portrait, landscape and figure study. Important artists and art styles will be studied in historical/ cultural context.

Specific Requirements:

1. sketchbook
2. research report on specific artists and art styles
3. individual and group critiques

PREREQUISITE: Drawing I

PAINTING I

8130 Grades 10, 11, 12 Credit .50 **(R1, W1, PS2, T1, RE1)**

Level I studio course to develop skills/concepts to create watercolor, acrylic and oil paintings. Students will learn to stretch their own canvas. Historical and cultural artists and art styles will be explored. This course is a Pre-requisite to Level II studio: Painting II

Specific Requirements:

1. sketchbook
2. research and report on specific artists and art styles
3. individual and group critiques

PREREQUISITE: Basic Skills 2-D or Basic Skills 2-D/3-D

PAINTING II

8140 Grades 10, 11, 12 Credit .50 (R1, W1, PS2, T1, RE1)

Level II studio course advances development of skills/concepts in painting using the elements and principles of design to allow individual concentration of subject and media. Important artists and art styles will be studied in historical and cultural context.

Specific Requirements:

1. sketchbook
2. research and report on specific artists and art styles
3. individual and group critiques

PREREQUISITE: Painting I

SCULPTURE I

8110 Grades 10, 11, 12 Credit .50 (R1, W1, PS2, T1, RE1)

Level I studio course to develop skills/concepts to create 3-D form in sculpture. Students will explore media and technique using clay, wire, paper maché, and assemblages with found objects. Historical and cultural artists and art styles will be discussed.

Specific Requirements:

1. sketchbook
2. research and report on specific artists and art styles
3. individual and group critiques

PREREQUISITE: Basic Skills 2-D/3-D full year

STUDIO ART

8180 Grades 11, 12 Credit 1.00 (R1, W1, PS2, T1, RE1, H1)

This studio course prepares the student for college study in the Visual Arts. Students develop a portfolio of art work from both in class and outside class assignments. These works are matted and photographed for college entrance. Students can select exemplary works for the AP exam portfolio the following year.

Specific Requirements:

1. sketchbook
2. portfolio preparation including digital photography and matting works
3. individual and class critiques

PREREQUISITE: Teacher recommendation, Basic Art Skills full year, Level I studio and/or Level II studio

WORLD LANGUAGE

Course Summary

9	10	11	12	Fundamentals of French	3030	C/W 2	1.00
9	10	11	12	French I	3120	C/W 2	1.00
9	10	11	12	French II	3150	C/W 2	1.00
9	10	11	12	French II – Honors	3130	C/W 1	1.00
9	10	11	12	French III	3170	C/W 2	1.00
9	10	11	12	French III – Honors	3160	C/W 1	1.00
	10	11	12	French IV	3180	C/W 2	1.00
	10	11	12	French IV – Honors	3190	C/W 1	1.00
		11	12	French V – Honors	3140	C/W 1	1.00
		11	12	French/UCT	3000	C/W 1	1.00
			12	AP French Language	3195	C/W 1	1.00
9	10	11	12	Fundamentals of German	3360	C/W 2	1.00
9	10	11	12	German I	3311	C/W 2	1.00
9	10	11	12	German I – Honors	3310	C/W 1	1.00
	10	11	12	German II	3321	C/W 2	1.00
	10	11	12	German II – Honors	3320	C/W 1	1.00
		11	12	German III	3331	C/W 2	1.00
		11	12	German III – Honors	3330	C/W 1	1.00
			12	German IV	3341	C/W 2	1.00
			12	German IV – Honors	3340	C/W 1	1.00
9	10	11	12	Latin I – Honors	3410	C/W 1	1.00
	10	11	12	Latin II – Honors	3420	C/W 1	1.00
		11	12	Latin III – Honors	3430	C/W 1	1.00
			12	Latin IV – Honors	3440	C/W 1	1.00
9	10	11	12	Fundamentals of Spanish	3200	C/W 2	1.00
9	10	11	12	Spanish I	3220	C/W 2	1.00
9	10	11	12	Spanish II	3250	C/W 2	1.00
9	10	11	12	Spanish II – Honors	3230	C/W 1	1.00
9	10	11	12	Spanish III	3270	C/W 2	1.00
9	10	11	12	Spanish III – Honors	3260	C/W 1	1.00
	10	11	12	Spanish IV	3290	C/W 2	1.00
	10	11	12	Spanish IV – Honors	3280	C/W 1	1.00
		11	12	Spanish V – Honors	3300	C/W 1	1.00
		11	12	Spanish/UCT	3240	C/W 1	1.00
			12	AP Spanish Language	3305	C/W 1	1.00

WORLD LANGUAGE DEPARTMENT GOALS:

- Students will engage in conversation, provide and obtain information, express feelings and exchange opinions in the target language.
- Students will understand and interpret spoken and written material on a variety of topics, in the target language.
- Students will reinforce and expand their knowledge of other areas of study through world language study.
- Students will demonstrate an understanding of the traditions and perspectives of the cultures studied.
- Students will demonstrate capability for using technology within the curriculum.

FUNDAMENTALS OF FRENCH

3030 Grades 9, 10, 11, 12 C/W 2 Credit 1.00 (R1, W1, N1, PS1, T1, RE1, H3)

This course acquaints students with the basics of the French language. Emphasis is placed on the use of cognates. To accommodate students who need more reinforcement and practice, this course is designed with modified course content and alternative instructional materials.

FRENCH I

3120 Grades 9, 10, 11, 12 C/W 2 Credit 1.00 (R1, W1, N1, PS2, T1, RE1, H3)

This beginning course stresses the development of the basic skills necessary for language learning: listening, speaking, reading and writing, and cultural knowledge. Course content includes basic language structure and common conversational topics.

FRENCH II

3150 Grades 9, 10, 11, 12 C/W 2 Credit 1.00 (R1, W1, N1, PS2, T1, RE1, H3)

The development of the basic skills of listening, speaking, reading and writing is continued on this level. Retention of material introduced in Level I French is essential for success in level II. The study of culture is continued.

FRENCH II-HONORS

3130 Grades 9, 10, 11, 12 C/W 1 Credit 1.00 (R2, W2, N1, PS2, T1, RE1, H4)

This course incorporates the level 2 (college-prep) curriculum, but is designed for the individual who has demonstrated exceptional mastery of skills covered in French I. Students are required to demonstrate a more thorough understanding and more accurate application of grammatical concepts introduced. Additional independent work is an integral part of this course.

FRENCH III

3170 Grades 9, 10, 11, 12 C/W 2 Credit 1.00 (R2, W2, N1, PS2, T1, RE1, H3)

This course continues the four skills approach (listening, speaking, reading and writing) that is basic to levels one and two. Retention of material introduced in earlier levels is essential for success in level III. More advanced grammatical concepts are introduced in this level.

FRENCH III-HONORS

3160 Grades 9, 10, 11, 12 C/W 1 Credit 1.00 (R2, W2, N1, PS3, T1, RE1, H4)

This course incorporates the level 3 (college-prep) curriculum but is designed for the individual who has demonstrated exceptional mastery of level II/IIH skills. Students are required to demonstrate a more thorough understanding and more accurate application of the grammatical concepts introduced. Additional independent work is an integral part of this course.

FRENCH IV

3180 Grades 10, 11, 12 C/W 2 Credit 1.00 (R2, 2, N1, PS2, T1, RE1, H3)

This course continues the development of proficiency in the French language at an intermediate level. Advanced grammatical concepts are introduced and more in-depth study is required. A greater emphasis is placed on the expression of original ideas in the target language, both in written and oral form. Lengthier reading selections are introduced to expand knowledge of vocabulary & structures.

FRENCH IV – HONORS

3190 Grades 10, 11, 12 C/W 1 Credit 1.00 **(R2, W2, N1, PS3, T1, RE1, H4)**

This course incorporates the level 4 (college-prep) curriculum, but is designed for the individual who has demonstrated exceptional mastery of skills covered in French III/IIIIH. Students are required to demonstrate a more thorough understanding and more accurate application of grammatical concepts introduced. Additional independent work is an integral part of this course.

FRENCH V H/UCT

3140 Grades 11, 12 C/W 1 Credit 1.00
3000 Grades 11, 12 UCONN Credit 1.00 **(R3, W3, N1, PS3, T1, RE1, H4)**

Students continue their study of the language at the Intermediate/Advanced Level. Course content is aligned with the University of Connecticut's courses French 3267 (French Language and Culture, 3 credits) and French 3268 (Writing in French, 3 credits). Students must submit a five-page paper to UCONN to earn college credit. Emphasis is on improving both oral and written expression through discussion, presentations and compositions on assigned topics. Extensive study of grammar is included. In the spring, French 3268 focuses on the study of French texts and requires extensive written work. A five page paper is required in the spring semester.

AP FRENCH LANGUAGE

3195 Grade 12 C/W 1 Credit 1.00 **(R3, W3, N1, PS3, T1, R1, H4)**

Students who enroll in AP French Language must already have a good command of French grammar and vocabulary and have competence in listening, reading, speaking and writing. This course covers the equivalent of a third-year college course in advanced French writing and conversation, and emphasizes the use of the French language for active communication in various activities and disciplines. Extensive written work will also be an integral part of this course. To earn AP college credit, student must take AP French Language Exam and meet the designated scoring criteria set forth by the individual colleges/universities. Further information can be found at www.collegeboard.com/ap/creditpolicy.

FUNDAMENTALS OF GERMAN

3360 Grades 9, 10, 11, 12 C/W 2 Credit 1.00 **(R1, W1, N1, PS1, T1, RE1, H3)**

This course is designed to acquaint students with the basics of the German language. Emphasis is placed on the use of cognates. The level of instruction and the methods used are modified to accommodate those students who need more reinforcement and practice. Some time will also be devoted to the culture of the people of the world whose native language is German.

GERMAN I

3311 Grades 9, 10, 11, 12 C/W 2 Credit 1.00 **(R1, W1, N1, PS2, T1, RE1, H3)**

This beginning course stresses the development of the basic skills necessary for language learning: listening, speaking, reading and writing. Since the knowledge of culture is an essential part of the total language experience, there is considerable emphasis on cultural awareness and understanding. Cross-cultural connections will be examined.

GERMAN I-HONORS

3310 Grades 9, 10, 11, 12 C/W 1 Credit 1.00 **(R1, W1, N1, PS2, T1, RE1, H4)**

Enrollment in German I-Honors requires the recommendation of the eighth-grade language arts teacher and placement in Masuk's grade 9 Honors Language Arts English course. Any exceptions must have the approval of Masuk's World Language Department Chair. Additional work in all four language skills will be required to receive honors credit.

GERMAN II

3321 Grades 10, 11,12 C/W 2 Credit 1.00 **(R1, W1, N1, PS2, T1, RE1, H3)**

The development of the basic skills of listening, speaking, reading and writing is continued on this level. Retention of material introduced in Level I German is essential for success in level II. The study of culture and cross-cultural connections is continued.

GERMAN II-HONORS

3320 Grades 10, 11, 12 C/W 1 Credit 1.00 **(R2, W2, N1, PS2, T1, RE1, H4)**

This course incorporates the level 2 (college-prep) curriculum, but is designed for the individual who has demonstrated exceptional mastery of skills covered in German I/IH. Students are required to demonstrate a more thorough understanding and more accurate application of grammatical concepts introduced. Additional independent work is an integral part of this course.

GERMAN III

3331 Grades 11, 12 C/W 2 Credit 1.00 **(R2, W2, N1, PS2, T1, RE1, H3)**

This course continues the four skills approach (listening, speaking, reading and writing) that is basic to levels one and two. Retention of material introduced in earlier levels is essential for success in level III German. More advanced grammatical concepts will be covered at this level. The study of culture and cross-cultural connections is continued.

GERMAN III-HONORS

3330 Grades 11, 12 C/W 1 Credit 1.00 **(R2, W2, N1, PS3, T1, RE1, H4)**

This course incorporates the level 3 (college-prep) curriculum but is designed for the individual who has demonstrated exceptional mastery of skills covered in German II/IIH. Students are required to demonstrate a more thorough understanding and more accurate application of the grammatical concepts introduced. Additional independent work is an integral part of this course.

GERMAN IV

3341 Grade 12 C/W 2 Credit 1.00 **(R2, W2, N1, PS2, T1, RE1, H3)**

This course continues the development of proficiency in the German language through conversations, group discussions and/or oral presentations. Advanced grammatical concepts are introduced and more in-depth study is required. A greater emphasis is placed on the expression of ideas in the target language, both in written and oral form. The study of culture and cross-cultural connections in continued.

GERMAN IV – HONORS

3340 Grade 12 C/W 1 Credit 1.00 **(R2, W2, N1, PS3, T1, RE1, H4)**

This course incorporates the level 4 (college-prep) curriculum, but is designed for the individual who has demonstrated exceptional mastery of skills covered in German III/IIIH. Students are required to demonstrate a more thorough understanding and more accurate application of grammatical concepts introduced. Additional independent work is an integral part of this course.

LATIN I HONORS

3410 Grades 9, 10, 11, 12 C/W 1 Credit 1.00 **(R2, W2, N1, PS3, T1, RE1, H3)**

Students learn the basics of Latin grammar and vocabulary through fast-paced graded readings. The course, which begins the sequence that leads to reading Roman authors in the third and fourth years, may also be taken by college-bound students who wish to strengthen their English grammar and vocabulary skills. Through readings which incorporate grammar into the story of a typical Roman family of the first century AD, students learn the basics of Latin and some of the history and culture of a great empire from which many aspects of today's global culture take their cue. Incoming freshmen must be placed in Honors Language Arts or Honors Math or have the recommendation of their eighth-grade

language arts teacher and the approval of the World Language department chair.

LATIN II – HONORS

3420 Grades 10, 11, 12 C/W 1 Credit 1.00 (R3, W2, N1, PS3, T1, RE1, H3)

This course reviews the elements of grammar before introducing more advanced grammar. Students continue the narrative sequence from Latin I-Honors, with an historical emphasis on Roman education and the Roman colonial experience. Outside projects concentrate the effort of students on single aspects of Roman life in depth.

LATIN III – HONORS

3430 Grades 11, 12 C/W 1 Credit 1.00 (R3, W2, N1, PS3, T1, RE1, H3)

This course incorporates a comprehensive review of all Latin grammar leading to reading Roman authors, including Catullus, Caesar, Ovid, and Pliny. Students entering from Latin II-Honors will benefit from the grammatical overview, and higher-achieving students from first-year Latin who prefer a faster pace and the chance to read Latin authors may be placed here. The course moves progressively through the grammar, using example sentences and short readings drawn from ancient authors rather than made-up didactic Latin. Etymologies and other word studies, along with a series of self-tutorial exercises, provide opportunities to fine-tune language skills.

LATIN IV – HONORS

3440 Grade 12 C/W 1 Credit 1.00 (R3, W3, N1, PS3, T1, RE2, H4)

This course uses careful readings of the odes of Roman poets Catullus and Horace to prepare students for the AP Latin Literature Exam. Students translate and analyze the odes as literature and write critical essays in the context of comparison with modern poetic expression.

FUNDAMENTALS OF SPANISH

3200 Grades 9, 10, 11, 12 C/W 2 Credit 1.00 (R1, W1, N1, PS1, T1, RE1, H3)

This course acquaints students with the basics of the Spanish language. Emphasis is placed on the use of cognates. To accommodate students who need more reinforcement and practice, this course is designed with modified course content and alternative instructional materials.

SPANISH I

3220 Grades 9, 10, 11, 12 C/W 2 Credit 1.00 (R1, W1, N1, PS2, T1, RE1, H3)

This beginning course stresses the development of the basic skills necessary for language learning: listening, speaking, reading and writing, and cultural knowledge. Course content includes basic language structure and common conversational topics.

SPANISH II

3250 Grades 9, 10, 11, 12 C/W 2 Credit 1.00 (R1, W1, N1, PS2, T1, RE1, H3)

The development of the basic skills of listening, speaking, reading and writing is continued on this level. Retention of material introduced in Level I Spanish is essential for success in level II. The study of culture is continued.

SPANISH II-HONORS

3230 Grades 9, 10, 11, 12 C/W 1 Credit 1.00 **(R2, W2, N1, PS2, T1, RE1, H4)**

This course incorporates the level 2 (college-prep) curriculum, but is designed for the individual who has demonstrated exceptional mastery of skills covered in Spanish I. Students are required to demonstrate a more thorough understanding and more accurate application of grammatical concepts introduced. Additional independent work is an integral part of this course. Daily oral participation is a course requirement.

SPANISH III

3270 Grades 9, 10, 11, 12 C/W 2 Credit 1.00 **(R2, W2, N1, PS2, T1, RE1, H3)**

This course continues the four skills approach (listening, speaking, reading and writing) that is basic to levels one and two. Retention of material introduced in earlier levels is essential for success in level III. More advanced grammatical concepts are introduced in this level.

SPANISH III-HONORS

3260 Grades 9, 10, 11, 12 C/W 1 Credit 1.00 **(R2, W2, N1, PS3, T1, RE1, H4)**

This course incorporates the level 3 (college-prep) curriculum but is designed for the individual who has demonstrated exceptional mastery of level II/IIH skills. Students are required to demonstrate a more thorough understanding and more accurate application of the grammatical concepts introduced. Additional independent work is an integral part of this course.

Daily oral participation is a course requirement.

SPANISH IV

3290 Grades 10, 11, 12 C/W 2 Credit 1.00 **(R2, 2, N1, PS2, T1, RE1, H3)**

This course continues the development of proficiency in the Spanish language at an intermediate level. Advanced grammatical concepts are introduced and more in-depth study is required. A greater emphasis is placed on the expression of original ideas in the target language, both in written and oral form. Lengthier reading selections are introduced to expand knowledge of vocabulary & structures.

SPANISH IV – HONORS

3280 Grades 10, 11, 12 C/W 1 Credit 1.00 **(R2, W2, N1, PS3, T1, RE1, H4)**

This course incorporates the level 4 (college-prep) curriculum, but is designed for the individual who has demonstrated exceptional mastery of skills covered in Spanish III/IIIH. Students are required to demonstrate a more thorough understanding and more accurate application of grammatical concepts introduced. Additional independent work is an integral part of this course.

Daily oral participation is a course requirement.

SPANISH/UCT

3240 Grades 11, 12 UCONN Credit 1.00 **(R3, W3, N1, PS3, T1, RE1, H4)**

Students in UCONN Spanish continue their study of the language at the Intermediate/Advanced Level. Course content is aligned with the University of Connecticut's courses Spanish 278 (Spanish Composition, 3 credits) and Spanish 279 (Spanish Conversation: Cultural Topics, 3 credits). Students will read, analyze and demonstrate comprehension of various themes and their implications as viewed from a particular Hispanic perspective. Contemporary issues relative to the Hispanic world will also be investigated. Students will become increasingly aware of the inter-relationship between language, culture and literature through the analysis of selected literary works and cultural readings.

NOTE: For UCONN credit, it is necessary to fulfill UCONN requirements.

SPANISH V – HONORS

3300 Grades 11, 12 C/W 1 Credit 1.00 **(R3, W3, N1, PS3, T1, RE1, H4)**

Students in Spanish V continue their study of the language at the intermediate/advanced level. Students will review all major grammar topics and will read, analyze and demonstrate comprehension of various themes relating to Hispanic culture/history/literature. Students will become increasingly aware of the interrelationship between language, culture, and literature through their analysis of this material.

AP SPANISH LANGUAGE

3305 Grade 12 C/W 1 Credit 1.00 **(R3, W3, N1, PS3, T1, R1, H4)**

Students who enroll in AP Spanish Language must already have a good command of Spanish grammar and vocabulary and have competence in listening, reading, speaking and writing. This course covers the equivalent of a third-year college course in advanced Spanish writing and conversation, and emphasizes the use of the Spanish language for active communication in various activities and disciplines. Extensive written work will also be integral to this course. To earn AP college credit, student must take AP Spanish Language Exam and meet the designated scoring criteria set forth by the individual colleges/universities. Further information can be found at www.collegeboard.com/ap/creditpolicy.

College Prep _____

HIGH SCHOOL PLANNING GUIDE

STUDENT: _____

DATE: _____

	9	10	11	12	TOTAL
ENGLISH 4 CREDITS					
SOCIAL STUDIES 3 CREDITS (U.S. HISTORY & CIVICS)	A & M EMOD CIV	CW CIV EA HIST	US 1865-941 CONT US		
SCIENCE 2 CREDITS COLLEGE PREP 3.5 CREDITS (2 LABS)		<u>BIOLOGY</u>			
MATHEMATICS 3 CREDITS COLLEGE PREP ALG II					
WORLD LANGUAGE COLLEGE PREP (AT LEAST 2 YEARS IN HIGH SCHOOL) LEVEL 3					
PHYS. ED. 1 CREDIT					
FINE ARTS/BUSINESS/ TECHNOLOGY ED. 1 CREDIT					
DRUG EDUCATION					
TOTAL					

1. All credits listed are the minimum required for graduation.
2. Masuk's Comprehensive Diploma requires 20 credits.
3. Masuk's College Prep Program requires 23 credits.
4. Each student must select at least five credits per year.
5. To be promoted, students must earn the following credits:
 - Grade 10 - 5 credits
 - Grade 11 - 10 credits
 - Grade 12 - 14 credits