

**CAREER & TECHNOLOGY
CORE COURSE REQUIREMENTS**

For Students Who Plan to Enter the Work Force Upon Graduation

SUBJECT	9 TH GRADE	10 TH GRADE	11 TH GRADE	12 TH GRADE
English	I	II	III	IV
Social Studies	Government	World History	U.S. History	Contemporary Issues
Science	Physical Science	Biology I	Principles of Technology I	Principles of Technology II
Math	Algebra I A&B	Applied Geometry	Applied Math I	Applied Math II Business Math or College Math
Career & Technology Education	Tech Ed or	CTE I	CTE I or CTE II	CTE II, Internship or Electives
Physical Education	.5 credit			
Health	.5 credit			
Fine Arts		1 credit		
Electives				

CTE Programs include Auto Mechanics, Agriculture, Carpentry, Masonry, Food Service, Protective Services, Health Occupations, Heating/Ventilation/Air Conditioning, Business, Computer Technology, and Networking

Students in Health Occupations in their senior year would receive 2 credits in science and would not need the science class in grade 12.

HIGHER EDUCATION CORE - COURSE REQUIREMENTS

Level 1 - Distinguished Students

Level 2 - Minimum entrance requirements for the University of MD System (CM Level)

Level 3 - Advanced Technology Completer

Subject	Level	Grade 9	Grade 10	Grade 11	Grade 12
English	1	I CM	II CM	III CM	AP*
	2	I CM	II CM	III CM	IV CM
	3	I CM	II CM	III CM	IV CM
Social Studies	1	Govern CM	World H CM	AP US Hist*	Contemp Issues CM
	2	Govern CM	World H CM	US Hist CM	Contemp Issues CM
	3	Govern CM	World H CM	US Hist CM	Contemp Issues CM
Science	1	Physical Science	Biology I CM	Chemistry CM	**
Physical Science	2	Physical Science	Biology I CM	Chemistry CM	**
	3	Physical Science	Biology I CM	Prin Tech I	Prin Tech II***
Math	1	Geometry CM	Algebra II CM	Pre-Calculus CM	AP Calculus *
	2	Algebra I CM	Geometry CM	Algebra II CM	Pre-Calculus CM or <i>College Math</i>
	3	Algebra I CM	Geometry CM	Algebra II CM	Applied Math I ***
Foreign Language	1	French or Spanish I	French or Spanish II	French or Spanish III	
	2	French or Spanish I	French or Spanish II		
Advanced Tech	3		Adv Tech I***	Adv Tech II***	
Technology Ed		Tech Ed I			
Physical Ed/Health			A Combined Credit		
Fine Arts					
Electives					

* At least two AP courses are required by graduation.

** Sciences that could be selected: Physics, AP Biology, Anatomy & Physiology, AP Environmental Science
MUST be a CM level science

*** Required for the Technology Completer

COURSE REQUIREMENTS FOR GRADUATION

The following general standards govern requirements for graduation from Somerset County Public Schools beginning with students entering grade nine in school year 2002-03.

CREDIT REQUIREMENT

The minimum requirements for a Maryland High School Diploma in Somerset County are as follows:

English		4
Fine Arts		1
Mathematics.....		4
	1 with algebraic concepts and topics	
	1 with geometric concepts and topics	
Physical Education.....		½
Health.....		½
Social Studies.....		4
	1 American History	
	1 World History	
	1 Government	
	1 Contemporary Issues	
Science.....		4
	Earth, Life or Physical Science	
	Laboratory Experiences	
Technology Education		1
Career Preparation		2
In addition to meeting the specific credit requirement cited above, a student will earn one of the following:		
	2 Credits of a Foreign Language or,	
	2 Credits of Advanced Technology Education or,	
	2 Years of State Approved Career and Technology Program	
Electives.....		3
Total Credits.....		24

At least four of these credits must be earned after the completion of grade 11, two of which must be during the second semester of grade 12 for all students. The allowable exception is outlined in Somerset County Board of Education Policy # 500-25.

As of the 2004-2005 school year, a rising ninth grader who has completed Algebra I or Algebra I Part B with a passing grade while in the eighth grade will receive high school credit. Credit will be reflected on the student's transcript, but will not count toward class rank or their high school grade point average.

Ninth Grade Math and English are both double blocks over two semesters. Students will receive credit if the final grade is passing. Students will receive one credit in English and one elective credit. They will receive one credit of Math (Algebra or Geometry) and one elective credit. Whatever value the student earns as a final grade will count as the math or English grade and the grade for the elective in so far as GPA.

DISTINGUISHED STUDENT CERTIFICATE AND RECOGNITION

A Distinguished Student Certificate and special recognition of students who have met the Level One - Distinguished Student requirements will be provided at the graduation ceremony at each high school.

Procedures:

1. By May 1st of each school year, the principal of each high school shall notify the supervisor of secondary education with the full names of all graduating seniors who will have met the Level One - Distinguished Student requirements before graduation.
2. The supervisor of secondary education will provide to the school a certificate entitled, Distinguished Student Award, for each qualifying student. This certificate will bear the student's name, the Somerset County Board of Education Seal, the signature of the Chairman of the Somerset County Board of Education and the signature of the Superintendent of Somerset County Public Schools
3. At the graduation ceremony at each high school, graduating seniors who are receiving the Distinguished Student Award:
 - (a) Shall be seated as a group
 - (b) Shall be recognized from the podium for this achievement
 - (c) Shall receive their "Distinguished Student Award" certificates and diplomas prior to the awarding of all other diplomas for the graduating class.