

# Sample High School Program of Study

Students electing to complete a CTE Program as part of the high school program are prepared for entry into college and a career pathway. The chart below shows a typical high school program of study that includes a CTE Program Sequence beginning in Grade 10. It also depicts how students can earn industry certification and/or college credit while in high school.

High School Program					College Program
Requirements	Grade 9	Grade 10	Grade 11	Grade 12	
English - 4	English 9	English 10	English 11 AP Language	English 12 AP Literature	English/Language Arts <i>Include AP credit options</i>
Social Studies - 3	US Government	World History AP European	US History AP US History	Government AP Govt.	Humanities/Social Sciences <i>Include AP credit options</i>
Mathematics - 3	Algebra I	Geometry	Algebra II	Trigonometry or Pre-Calculus or Calculus or AP Calculus	Mathematics <i>Include AP credit options</i>
Science - 3	Earth or Physical Science	Biology or AP Biology	Chemistry or AP Chemistry	Physics or AP Physics	Science <i>Include AP credit options</i>
Physical Education - .5 Health Ed - .5	.5 PE	.5 Health			
Fine Arts - 1	.5 Fine Arts	.5 Fine Arts			
Technology Education - 1	Foundations of Technology				
CTE Completer Program - 4		CTE Program Sequence			CTE Program Concentration
		CTE Course (1)	CTE Course (1)	CTE Courses (2)	Include articulation options <ul style="list-style-type: none"> <li>• Dual Enrollment</li> <li>• Credit by Exam</li> <li>• Pre-Apprenticeship</li> </ul>
Foreign Language - 2 and/or Advanced Tech Ed - 2	Foreign Language	Foreign Language	Foreign Language or Adv. Tech	Foreign Language or Adv. Tech	

In Maryland, all secondary and postsecondary programs are offered in related programs of study to advance student preparation and success in a career. However, specific program offerings vary by location. Contact the local school systems and/or community colleges who work together to identify areas of interest and program requirements.

In most CTE programs, the awarding of college credit and/or industry certification requires students to meet pre-determined standards and assessments as determined by the postsecondary institution and/or industry. A description of these requirements and opportunities for college credit and/or industry certification is included for each CTE program of study.