

Engineering & Industrial Technology Pathway Map

Automotive Technology CTE Program 47.0604

This is a two-year program starting in Grade 11

CIP 47.0604	Grade 9	Grade 10	Grade 11	Grade 12
	Exploratory Courses	Introductory Courses	Career & Technical Education Courses	
Technical Courses Grades 11-12 6.0 credits 720 hours	Automotive Technology Exploration (.25)	Introduction to Automotive Technology (.5)	Automotive Technology 1 (3)	Automotive Technology 2 (3)
Academic Courses				
English	English 9 Honors English 1	English 10 Honors English 2 Academic English 2	English 11 English 11 College Prep Honors English 3 (Pre-AP Lit)	Technical Communication ENL111 English Composition
Mathematics	Algebra Academic Algebra Geometry Honors	Algebra 2 Academic Algebra 2 Algebra 2 Honors	Geometry Academic Geometry PC Honors AP Statistics	Math Elective Pre-Calculus MATH 123/Intro to Stats
Science	Earth & Space Science Intro to Envio Science Honors Biology	Biology Chemistry	Physics Chemistry	Physics or Science Electives
Social Studies	US History US History 1 19 th Century Honors	World History US History 2 20 th Century Honors	Civics & Government + Economics	<i>Social Studies Elective</i>
Required Courses	Comp. Applications (.5) Health 9 (.5) Physical Education (.5)	Physical Education (.5)	Personal Finance (.5) Physical Education (.5)	Physical Education (.5)
Elective Credits	+ 2.25 credits	+ 3 credits	N/A	+ 1.5 credits
Articulation Agreement Credit Opportunities			Advanced Placement Credits	Dual Enrollment Credits
12.0 credits @ Allegany College of Maryland – Cumberland, MD 9.0 credits @ Community College of Allegheny County – Pittsburgh, PA 10.0 credits @ Delaware County Community College – Media, PA 9.0 credits @ Harrisburg Area Community College – Harrisburg, PA 10.0 credits @ Johnson College – Scranton, PA 9.0 credits @ Luzerne County Community College – Nanticoke, PA 9.0 credits @ Northampton County Community College – Bethlehem, PA 9.50 credits @ Rosedale Technical College – Pittsburgh, PA 12.0 credits @ University of Northwestern Ohio – Lima, OH			AP English AP Calculus & Statistics AP Chemistry & Envi Sci AP US & European History AP Seminar & Research	MATH123 ENGL111 CHEM100
Scheduling Notes:			Work-Based Learning Programs	
				Cooperative Education (4.0)
			CTE Experience/Internship (4.0)	CTE Experience/Internship (4.0)
			CTE Industry Credentials & Certifications	
			OSHA 10-Hour Automotive Safety	Snap-on 504 Multimeter
			CareerSafe Employability Skills	AC Delco Electrical State 1 & 2
			AC Delco Battery Starting & Charging Systems	Automotive Lift Institute Lifting It Right
			Grade 11	Grade 12

