



School District

Automotive Technology Pre-Apprenticeship
HS & Web Address

Minimum HS Graduation Requirements		PROGRAM OF STUDY MATRIX TEMPLATE: MIDDLE - HIGH SCHOOL – POSTSECONDARY						CTE Pathway Requirements	
	Grade	English	Math	Science	Social Studies	Additional Required Courses	Career & Technical Courses	Other Required or Elective Courses	
Student Success Plans outlining career goals should be utilized through the advisement process.									
Middle School	7	ELA 7	Math 7	Science 7	Social Studies 7			Electives	
	8	ELA 8	Math 8	Science 8	Social Studies 8			Electives	
Secondary	9	ELA 9	Algebra I	NGSS Aligned Physical/Integrated Science	Civics/Geography	World Language I	Automotive Technology Exploratory	This matrix represents a <i>sample</i> program of study. The LEA's program of study <u>must</u> be reflective of <u>local/state</u> high school graduation requirements and college entrance requirements.	
	10	ELA 10	Algebra II	NGSS Aligned Biology	Economics/Personal Finance	World Language II	Foundations of Automotive Technology & Engine and Electrical Systems		
	11	ELA 11	Geometry	NGSS Aligned Chemistry	US History	Physical Education (≥1 Credit)	Brakes, Suspension and Steering & Engine Repair		
	12	ELA 12	Pre-Calculus or Statistics	NGSS Aligned Earth/Physical Science		Health Education (≥ 0.5 Credit)	Transmissions, Drive Train & Axles & HVAC-R & Automotive Industry Experience	This matrix should be reflective of the school's <u>course sequence</u> and requirements.	
Postsecondary	13	Students completing the Automotive Technology program of study will eligible to enroll in the Delaware Department of Labor Automotive Technician Tech C Apprenticeship Program offered through the adult education divisions of the New Castle County, Polytech, and Sussex Tech Technical systems.						All programs of study should meet the students' career goals with regard to required degrees and/or certifications. Required courses will vary by PS institution.	
	14	The Department of Education is currently negotiating articulation agreements with Delaware Technical Community College (DTCC) and University of Northwestern Ohio (UNOH).							
	15	Continue courses in the area of specialization.							
	16								



April 22, 2019

Deleted: February 28, 2019 November 29, 2018 November 19, 2018

Additional Learning Opportunities			
Early Career Opportunities:	Early College Opportunities:	Industry Recognized Certifications/Licenses:	Student Organization:
<input checked="" type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Other:	<input type="checkbox"/> Dual Enrollment <input type="checkbox"/> Advanced Placement <input checked="" type="checkbox"/> Articulated Credit DTCC: In Progress UNOH in Progress <input checked="" type="checkbox"/> Pre-Apprenticeship <u>Students completing the program of study will be eligible to enroll in the Delaware Department of Labor Automotive Technician Tech C registered apprenticeship program through the adult education divisions of the New Castle County, Polytech, and Sussex Technical systems.</u> <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Certification/License ASE G-1 Maintenance and Light Repair <input checked="" type="checkbox"/> Certification/License ASE Entry-Level Certification	<input checked="" type="checkbox"/> <u>SkillsUSA</u>

Sample Careers By Educational Level			
Employment Opportunities (Upon Completion of HS Pathway)	Technical Training or Associate Degree	Bachelor's Degree	Master's Degree or Above
Electric Motor, Power Tool and Related Repairs; Electronic Equipment Installers and Repairers, Bus and Truck Mechanics and Diesel Engine Specialists; Motor Vehicles: Farm Equipment Mechanics and Service Technicians: Mobile Heavy Equipment Mechanics, Except Engines; Motorboat Mechanics and Service Technicians ;Industrial Machinery Mechanics; Automotive Service Writers; Automotive Parts and Supplies Technician; Automotive Sales; Transportation Vehicle, Equipment and Systems Inspectors	Automotive Technician Tech C Registered Apprenticeship Automotive Associates Degree (DTCC) ASE Master Technician Certification	Career/technical Education Teachers, Secondary School Service Writer Manager Parts and Supply Manager	Automotive Dealership Management CTE Teachers, Postsecondary

*May require higher education depending on job responsibilities.

Feeder Middle School(s):

Colleges/Universities and Articulated Credit Agreements:

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LEA Additional Graduation Requirements:



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