

**Secondary Scope & Sequence**

- ⊙ Technical - Major units and levels with estimated hours
- ⊙ Academic - Recommended

Subject – Hours	Level I	Estimate of Hours	Level II	Estimate of Hours	Level III	Estimate of Hours	Level IV	Estimate of Hours
<b>Technical</b>	Orientation-Introduction Rules and Regulations	17	BASIC SERVICE INFORMATION	10	CAREER PATHWAYS WITHIN CTE	10	TRANSMISSIONS	60
	Shop Layout and Shop Safety	26	TYPES OF ACCIDENTS AND SAFETY RULES	13	CUSTOMER RELATIONS -OSHA	13	HVAC	50
	Tools/Fasteners Introduction and Identification	50	TOOLS/FASTENERS - DRILLING AND RETHREADING	32	TOOLS/FASTENERS - EXTRACTING AND REPAIRING	32	TOOLS/FASTENERS-MEASUREMENT TOOLS	30
	S/P-2 -THEORY AND TRAINING	20	S/P2 TESTING FOR CERTIFICATION	20	EPA-609 HVAC REFRIGRANT RECOVERY & Recycling	10	PA STATE INSPECTIONS - STATE EMISSION INSP	20
	SUSPENSION AND STEERING - COMPONENT IDENTIFICATION	50	SUSPENSION AND STEERING - INSPECTION PROCEDURES	70	SUSPENSION AND STEERING - REMOVE AND INSTALL	50	SUSPENSION AND STEERING - DIAGNOSE AND REPAIR	40
	BRAKES - GENERAL BRAKE SYSTEM REPAIR	75	BRAKES - HYDRAULIC SYSTEM DIAGNOSIS AND REPAIR	43	BRAKES - POWER ASSIST UNITS DIAGNOSIS AND REPAIR	25	BRAKES - TRACTION AND STABILITY DIAGNOSIS & REPAIR	40
	ELECTRICAL/ELECTRONIC INTROUCTION	80	ELECTRICAL/ELECTRONIC DIAGNOSIS	100	ELECTRICAL/ELECTRONIC DIAGNOSIS AND REPAIR	120	ELECTRICAL/ELECTRONICS ACCESSORIES DIAGNOSIS	30
	ENGINE PERFORMANCE - GENERAL ENGINE INTRODUCTION	42	ENGINE PERFORMANCE - IGNITON / FUEL / AIR & EXHAUST	72	ENGINE PERFORMANCE - COMPUTERIZED CONTROLS	100	ENGINE PERFORMANCE - EMISSIONS CONTROL & SERVICE	90
English (4)	College Prep English I		College Prep English II		College Prep English III		College Prep English IV	
Math (3)	Algebra I		Algebra II		Geometry		Higher Level College Prep Math (recommended)	
Science (3)	Biology		Chemistry		Physics			
Humanities (covering these courses in any order) (3)	Civics		U.S. History		World History			
Other	Foreign Language I (recommended)		Foreign Language II (recommended)					