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| **Corry.jpg** | | **Automotive Technology Sequence Chart**  **CIP 47.0604** | | |
| **YEAR I** | **1st Quarter**  111 Orientation  112 Sp/2. Auto shop and safety  113 The Automobile  114 Basic Hand Tools  115 Measuring Tools and Fasteners  116 Tire Service | **2nd Quarter**  121 Power tools and equipment  122 Vehicle Maintenance, Fluid Service, and Recycling  123 Using service information  124 Basic Electricity and electronics  125 Brake system Fundamentals | **3rd Quarter**  131 Disk Brakes  132 Drum Brakes  133 Parking Brakes  134 Wheel bearing and wheel studs  135 Suspension system Fundamentals | **4th Quarter**  141 Steering system Fundamentals  142 Engine fundamentals  143 Intro to PA safety inspection |
| **YEAR II** | **1st Quarter**  211 SP/2 online safety training  and Tool and Equipment safety training  213 Engine Fundamental  214 Engine Design  215 Engine Top End  216 Engine Bottom End | **2nd Quarter**  221 Engine performance and Drivability  222 Advanced Engine Diagnostics  223 Fuel System  224 Reserve  225 Emission Systems and Control System Testing  226 Brake diagnosis | **3rd Quarter**  231 Suspension Diagnosis  232 Steering Diagnosis  233 Wheel Alignment  234 Electrical/Electronics  235 Battery System  Diagnosis, testing, and Repair  236 Charging System  Diagnosis, testing, and Repair  237 Starting System  Diagnosis, testing, and Repair  238 On-Board Diagnostics & Scan Tools | **4th Quarter**  Certifications  241 PA State Safety Inspection  242 Emissions  243 Refrigerant  244 Resume/Interview/Drivers License  245 First aid |
| **YEAR III** | **1st Quarter**  311 SP/2 online safety training  312 Tool and Equipment safety training  313 Engine Fundamental  314 Engine Design  315 Engine Top End  316 Engine Bottom End | **2nd Quarter**  321 Engine performance and Drivability  322 Advanced Engine Diagnostics  323 Fuel System  324 Engine Emissions Systems  325 Emission Control System Testing  326 Brake diagnosis | **3rd Quarter**  331 Suspension Diagnosis  332 Steering Diagnosis  333 Wheel Alignment  234 Electrical/Electronics  335 Battery System  Diagnosis, testing, and Repair  336 Charging System  Diagnosis, testing, and Repair  337 Starting System  Diagnosis, testing, and Repair  338 On-Board Diagnostics & Scan Tools  **Preparing students for NOCTI** | **4th Quarter**  Certifications  341 PA State Safety Inspection  342 Emissions  343 Refrigerant |