

<b>Auto Service Technician</b> <b>47.0604</b>	
<b>Objective of Technical Education-</b> <ul style="list-style-type: none"> <li>➤ Upon successful completion of this program, students will be prepared for an entry level position in the field of Auto Servicing or the field of auto mechanics.</li> <li>➤ Students are offered the opportunity to acquire the technical knowledge and skills in servicing troubleshooting, repairing modern automobiles and light trucks.</li> <li>➤ Use of common automotive terms and phrases commonly encountered in the automotive industry is also included in the instruction.</li> <li>➤ Students learn required safety practices and procedures &amp; are required to earn a passing safety exam grade prior to working in the garage.</li> <li>➤ This program is designed as a competency based program.</li> </ul>	
PROGRAM SAFETY REQUIREMENTS	<ul style="list-style-type: none"> <li>• DEMONSTRATE SELF-DISCIPLINE TO REMAIN IN WORK LOCATION FOR EXTENDED PERIODS OF TIME</li> <li>• SELF-CONTROL AND SAFETY AWARENESS IS REQUIRED FOR THE SAFETY OF ALL STUDENTS, TEACHERS AND SELF TO USE HAND TOOLS, POWER TOOLS, AUTOMOBILE LIFT EQUIPMENT, CHEMICALS</li> <li>• REMEMBER &amp; APPLY SAFETY REGULATIONS (ex- exposure to chemicals, spills, leakages)</li> </ul>
APTITUDES, ABILITIES/SKILLS	<ul style="list-style-type: none"> <li>• WORK INDEPENDENTLY</li> <li>• ABILITY TO FOLLOWING DIRECTIONS</li> <li>• ABILITY TO WORK WITH OTHERS</li> <li>• MECHANICAL APTITUDE</li> <li>• MULTI-LIMB COORDINATION</li> <li>• CRITICAL THINKING</li> <li>• PROBLEM SOLVING SKILLS</li> <li>• MULTI-TASKING</li> <li>• SEQUENTIAL STEPS</li> <li>• TIME MANAGEMENT</li> <li>• MEETING DEADLINES</li> <li>• SELF-MOTIVATION</li> <li>• LISTENING COMPREHENSION</li> </ul>
ACADEMIC SKILLS  READING MATH SCIENCE	<ul style="list-style-type: none"> <li>• TEXT BOOK READING LEVELS 10TH-12TH GRADES</li> <li>• TEACHER-MADE PRESENTATIONS, ONLINE MATERIALS AND RESOURCES ARE USED</li> <li>• WRITING SKILLS</li> <li>• AUTO MATH: CALCULATE &amp; APPLY ALGEBRA MATH SKILLS &amp; CALCULATIONS</li> <li>• READING COMPREHENSION (READING AUTO MANUALS)</li> <li>• DEMONSTRATE PROBLEM SOLVING SKILLS</li> <li>• AUTO SCIENCE: APPLYING PRINCIPLES, TECHNIQUES,</li> </ul>

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Essential Skills Chart  
Auto Service Technician

	PROCEDURES, AND EQUIPMENT TO THE DESIGN OF VARIOUS MAKES AND MODELS)
PHYSICAL REQUIREMENTS	<ul style="list-style-type: none"> <li>• ARM/HAND STEADINESS</li> <li>• CONTROL PRECISION</li> <li>• NEAR VISION</li> <li>• HAND/MANUAL DEXTERITY</li> <li>• ABILITY TO STAND IN A SMALL SPACE FOR LONG PERIODS OF TIME</li> <li>• ABILITY TO LIFT AT LEAST 50 POUNDS</li> <li>• ABILITY TO WITHSTAND CONSTANT LOUD NOISES,</li> <li>• ABILITY TO WEAR A HELMET FOR LONG PERIODS OF TIME</li> <li>• ABILITY TO WORK INDEPENDENTLY FOR LONG PERIODS OF INTENSE CONCENTRATION</li> <li>• ABILITY TO STRETCH AND REACH ACROSS &amp; OVER</li> <li>• ABILITY TO STOOP, CROUCH &amp; BEND</li> <li>• ABILITY TO REACH ABOVE ONE'S OWN HEAD</li> </ul>
SOFT SKILLS	<ul style="list-style-type: none"> <li>• ACTIVE LISTENER</li> <li>• CRITICAL THINKING SKILLS-IFFER SOLUTIONS/SOLVE PROBLEMS (TROUBLESHOOT)</li> <li>• COOPERATE &amp; COMMUNICATE WITH OTHER TRADESMEN</li> <li>• ABILITY TO WORK WITH OTHERS TO SHARE IDEAS AND SOLVE PROBLEMS TOGETHER</li> <li>• USE TIME WISELY</li> <li>• CONDUCT ONESELF MATURELY</li> <li>• ACCEPT DIRECTIVES &amp; CONSTRUCTIVE CRITICISM</li> <li>• REPORT ABSENCES (CALL INSTRUCTOR IF ABSENT)</li> </ul>
CLASSROOM ASSIGNMENTS, ASSESSMENTS & TASKS	<ul style="list-style-type: none"> <li>• CLASSWORK</li> <li>• TRAINING SHEETS</li> <li>• HANDS ON PROJECTS (IN THE GARAGE)</li> <li>• NOTEBOOK CHECKS</li> <li>• DAILY TIME SHEETS</li> <li>• TASK SHEETS</li> <li>• ONLINE TRAINING MODULES FOLLOWED BY UNIT CHECK ASSESSMENTS</li> <li>• NOCTI (END OF 12<sup>TH</sup> GRADE)</li> <li>• BENCHMARK ASSESSMENTS (PRE-NOCTI)</li> <li>• TASK LIST- PROGRAM OF STUDY</li> <li>• VIRTUAL DAY ASSIGNMENTS/ATTENDANCE (IF SCHOOL IS CLOSED)</li> <li>• UNIFORM REQUIREMENTS/SAFETY EQUIPMENT</li> </ul>
INDUSTRY CERTIFICATIONS	<ul style="list-style-type: none"> <li>• OSHA CAREER SAFE Certification</li> <li>• NOCTI</li> </ul>

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PROGRAM UNIFORM/COSTS/MATERIALS	<ul style="list-style-type: none"> <li>• HIGH TOP LEATHER WORK BOOTS (STEEL TOE SUGGESTED)- \$50-\$125</li> <li>• SAFETY GLASSES (1 PAIR PROVIDED)</li> <li>• DARK BLUE DICKIES LONG SLEEVE WORK SHIRT – App. \$20</li> <li>• DARK BLUE DICKIES WORK PANTS- App. \$25</li> </ul>
ARTICULATION AGREEMENTS	<ul style="list-style-type: none"> <li>• LCCC</li> </ul>
COOPERATIVE OPPORTUNITIES	<ul style="list-style-type: none"> <li>• BASED ON JOB AVAILABILITY, TEACHER RECOMMENDATION, GRADES OF 77% AND HIGHER, GOOD ATTENDANCE, GOOD BEHAVIOR, DRIVER'S LICENSE AND OWN TRANSPORTATION</li> <li>• PARTNERS (EX'S)- LEHIGHTON KIA, LEHIGHTON FORD</li> </ul>
EMPLOYMENT OUTLOOK & PROJECTED SALARY	<ul style="list-style-type: none"> <li>• PENNSYLVANIA MEDIAN ANNUAL WAGE- \$46, 490- \$62, 410</li> </ul>
How to find out more?	<ul style="list-style-type: none"> <li>• <a href="https://www.onetonline.org">https://www.onetonline.org</a></li> <li>• <a href="http://www.carboncti.org">www.carboncti.org</a></li> </ul>