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| **Auto Service Technician****47.0604** |
| **Objective of Technical Education-** * 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.
* Students are offered the opportunity to acquire the technical knowledge and skills in servicing troubleshooting, repairing modern automobiles and light trucks.
* Use of common automotive terms and phrases commonly encountered in the automotive industry is also included in the instruction.
* Students learn required safety practices and procedures & are required to earn a passing safety exam grade prior to working in the garage.
* This program is designed as a competency based program.
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| PROGRAM SAFETY REQUIREMENTS | * DEMONSTRATE SELF-DISCIPLINE TO REMAIN IN WORK LOCATION FOR EXTENDED PERIODS OF TIME
* 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
* REMEMBER & APPLY SAFETY REGULATIONS (ex- exposure to chemicals, spills, leakages)
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| APTITUDES, ABILITIES/SKILLS | * WORK INDEPENDENTLY
* ABILITY TO FOLLOWING DIRECTIONS
* ABILITY TO WORK WITH OTHERS
* MECHANICAL APTITUDE
* MULTI-LIMB COORDINATION
* CRITICAL THINKING
* PROBLEM SOLVING SKILLS
* MULTI-TASKING
* SEQUENTIAL STEPS
* TIME MANAGEMENT
* MEETING DEADLINES
* SELF-MOTIVATION
* LISTENING COMPREHENSION
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| ACADEMIC SKILLSREADING MATH SCIENCE  | * TEXT BOOK READING LEVELS 10TH-12TH GRADES
* TEACHER-MADE PRESENTATIONS, ONLINE MATERIALS AND RESOURCES ARE USED
* WRITING SKILLS
* AUTO MATH: CALCULATE & APPLY ALGEBRA MATH SKILLS & CALCULATIONS
* READING COMPREHENSION (READING AUTO MANUALS)
* DEMONSTRATE PROBLEM SOLVING SKILLS
* AUTO SCIENCE: APPLYING PRINCIPLES, TECHNIQUES, PROCEDURES, AND EQUIPMENT TO THE DESIGN OF VARIOUS MAKES AND MODELS)
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| PHYSICAL REQUIREMENTS | * ARM/HAND STEADINESS
* CONTROL PRECISION
* NEAR VISION
* HAND/MANUAL DEXTERITY
* ABILITY TO STAND IN A SMALL SPACE FOR LONG PERIODS OF TIME
* ABILITY TO LIFT AT LEAST 50 POUNDS
* ABILITY TO WITHSTAND CONSTANT LOUD NOISES,
* ABILITY TO WEAR A HELMET FOR LONG PERIODS OF TIME
* ABILITY TO WORK INDEPENDENTLY FOR LONG PERIODS OF INTENSE CONCENTRATION
* ABILITY TO STRETCH AND REACH ACROSS & OVER
* ABILITY TO STOOP, CROUCH & BEND
* ABILITY TO REACH ABOVE ONE’S OWN HEAD
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| SOFT SKILLS | * ACTIVE LISTENER
* CRITICAL THINKING SKILLS-IFFER SOLUTIONS/SOLVE PROBLEMS (TROUBLESHOOT)
* COOPERATE & COMMUNICATE WITH OTHER TRADESMEN
* ABILITY TO WORK WITH OTHERS TO SHARE IDEAS AND SOLVE PROBLEMS TOGETHER
* USE TIME WISELY
* CONDUCT ONESELF MATURELY
* ACCEPT DIRECTIVES & CONSTRUCTIVE CRITICSM
* REPORT ABSENCES (CALL INSTRUCTOR IF ABSENT)
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| CLASSROOM ASSIGNMENTS,ASSESSMENTS & TASKS | * CLASSWORK
* TRAINING SHEETS
* HANDS ON PROJECTS (IN THE GARAGE)
* NOTEBOOK CHECKS
* DAILY TIME SHEETS
* TASK SHEETS
* ONLINE TRAINING MODULES FOLLOWED BY UNIT CHECK ASSESSMENTS
* NOCTI (END OF 12TH GRADE)
* BENCHMARK ASSESSMENTS (PRE-NOCTI)
* TASK LIST- PROGRAM OF STUDY
* VIRTUAL DAY ASSIGNMENTS/ATTENDANCE (IF SCHOOL IS CLOSED)
* UNIFORM REQUIREMENTS/SAFETY EQUIPMENT
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| INDUSTRY CERTIFICATIONS | * OSHA CAREER SAFE Certification
* NOCTI
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| PROGRAM UNIFORM/COSTS/MATERIALS | * HIGH TOP LEATHER WORK BOOTS (STEEL TOE SUGGESTED)- $50-$125
* SAFETY GLASSES (1 PAIR PROVIDED)
* DARK BLUE DICKIES LONG SLEEVE WORK SHIRT – App. $20
* DARK BLUE DICKIES WORK PANTS- App. $25
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| ARTICULATION AGREEMENTS | * LCCC
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| COOPERATIVE OPPORTUNITIES | * BASED ON JOB AVAILABILITY, TEACHER RECOMMENDATION, GRADES OF 77% AND HIGHER, GOOD ATTENDANCE, GOOD BEHAVIOR, DRIVER’S LICENSE AND OWN TRANSPORTATION
* PARTNERS (EX’S)- LEHIGHTON KIA, LEHIGHTON FORD
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| EMPLOYMENT OUTLOOK & PROJECTED SALARY | * PENNSYLVANIA MEDIAN ANNUAL WAGE- $46, 490- $62, 410
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| How to find out more? | * https://www.onetonline.org
* [www.carboncti.org](http://www.carboncti.org)
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