|  |  |
| --- | --- |
| **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. | |
| 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) |
| 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 |
| ACADEMIC SKILLS  READING  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) |
| 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 |
| 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) |
| 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 |
| INDUSTRY CERTIFICATIONS | * OSHA CAREER SAFE Certification * NOCTI |
| 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 |
| ARTICULATION AGREEMENTS | * LCCC |
| 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 |
| EMPLOYMENT OUTLOOK & PROJECTED SALARY | * PENNSYLVANIA MEDIAN ANNUAL WAGE- $46, 490- $62, 410 |
| How to find out more? | * https://www.onetonline.org * [www.carboncti.org](http://www.carboncti.org) |