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| **Auto Collision Repair**  **47.0603** | |
| **Objective of Technical Education-**   * Upon successful completion of this program, students will be prepared for an entry level position in the field of auto body repairing. * Students are offered the opportunity to acquire the technical knowledge and skills in examining, estimating, removing, repairing, replacing damaged vehicles parts and accessories. * Use of hand & power tools, welding equipment, sanding, bonding, priming and painting processes are also included in the instruction. * Students learn required safety practices and procedures. * Students are provided instruction on types and uses of automobile lifts, measuring, use of computer programs. | |
| PROGRAM SAFETY REQUIREMENTS | * DEMONSTRATE SELF-DISCIPLINE TO REMAIN IN WORK LOCATION FOR EXTENDED PERIODS OF TIME * SELF-CONTROL, IMPULSE CONTROL AND SAFETY AWARENESS IS REQUIRED FOR THE SAFETY OF ALL STUDENTS, TEACHERS AND SELF TO USE BLOW TORCHES, HAND TOOLS, POWER TOOLS, WELDING & SANDING EQUIPMENT, CHEMICALS, PAINTS * REMEMBER & APPLY SAFETY REGULATIONS (ex- wearing safety equipment, exposure to chemicals, spills, leakages, lifts) |
| APTITUDES, ABILITIES/SKILLS | * VISUALIZATION (IMAGINE HOW SOMETHING WOULD LOOK IF MOVED/REARRANGED) * INFORMATION ORDERING * 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 & WORKING UNDER PRESSURE * MEETING DEADLINES * SELF-MOTIVATION * LISTENING COMPREHENSION |
| ACADEMIC SKILLS  READING  MATH  SCIENCE | * TEXT BOOK READING LEVEL 10-12th GRADE * TEACHER-MADE PRESENTATIONS, ONLINE MATERIALS AND RESOURCES ARE USED * WRITING SKILLS * AUTO MATH: ARITHMETIC, GEOMETRY, ALGEBRA, CALCULATE & APPLY MATH SKILLS SUCH AS MEASURING LIQUID OUNCES, GEOMETRY MEASUREMENTS OF ANGLES * UNDERSTANDING OF BASIC MATH CALCULATION SKILLS; SOME CALCULUS AND STATISTICS * DEMONSTRATE PROBLEM SOLVING SKILLS * AUTO SCIENCE: APPLYING PRINCIPLES, TECHNIQUES, PROCEDURES, AND EQUIPMENT TO THE DESIGN OF VARIOUS MAKES AND MODELS) * READING COMPREHENSION SKILLS |
| PHYSICAL REQUIREMENTS | * ABILITY TO STRETCH AND REACH ACROSS & OVER * ABILITY TO STOOP, CROUCH & BEND * MANUAL DEXTERITY * FINGER DEXTERITY * ARM-HAND STEADINESS * ABILITY TO REACH ABOVE ONE’S OWN HEAD * ABILITY TO STAND IN A SMALL SPACE FOR LONG PERIODS OF TIME * ABILITY TO WITHSTAND WEARING SAFETY GOGGLES, GLOVES, WELDING HELMETS * 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 |
| SOFT SKILLS | * PROVIDE RESPECTFUL CUSTOMER SERVICE * LISTEN TO OTHERS, DON’T INTERRUPT, AND ASK GOOD QUESTIONS * DEPENDABILITY * PAY ATTENTION TO DETAILS * COOPERATE & COMMUNICATE WITH OTHER TRADESMEN * ABILITY TO WORK WITH OTHERS TO SHARE IDEAS AND SOLVE PROBLEMS TOGETHER * ABILITY TO WORK INDEPENDENTLY * USE TIME WISELY * CONDUCT ONESELF MATURELY * ACCEPT and FOLLOW DIRECTIVES & CONSTRUCTIVE CRITICSM * FOLLOW VERBAL AND WRITTEN INSTRUCTIONS AND SEQUENTIAL STEPS |
| CLASSROOM ASSIGNMENTS,  ASSESSMENTS & TASKS | * CLASSWORK/HOMEWORK * TEACHER MADE TESTS * PUBLISHER MADE TESTS * ONLINE MODULES AND UNIT CHECK ASSESSMENTS * CAREER SAFE MODULES/ASSIGNMENTS * HANDS ON PROJECTS * TIME CARDS * NOCTI (END OF 12TH GRADE) * BENCHMARK ASSESSMENTS (PRE-NOCTI) * TASK LIST- PROGRAM OF STUDY * TEXTBOOK READING FOLLOWED BY CONCEPT CHECKS * VIRTUAL DAY ASSIGNMENTS * AUTO MATH- CONVERTING STANDARD TO METRIC UNTIS OF MEASURE, CALUCULATE ANGLE MEASUREMENTS, MEASURE USING OUNCES, LITERS |
| INDUSTRY CERTIFICATIONS | * OSHA Certification * NOCTI * CAREER SAFE |
| PROGRAM UNIFORM/COSTS/MATERIALS | * STEEL TOE BOOTS/HIGH LEATHER BOOT- $50-$125 * SAFETY GLASSES (1 PAIR PROVIDED) * WORK SHIRT (1 PROVIDED; ADDITIONAL SHIRTS= $20) * JEANS OR WORK PANTS- $20+ |
| 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)- Add partners from the industry |
| EMPLOYMENT OUTLOOK & PROJECTED SALARY | * MEDIAN ANNUAL WAGE- $47, 270- $76, 220 * MEDIAN HOURLY- $22. 73/HOUR |
| How to find out more? | * https://www.onetonline.org * [www.carboncti.org](http://www.carboncti.org) |