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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.
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| 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)
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| 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
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| ACADEMIC SKILLSREADING 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
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| 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
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| 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
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| 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
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| INDUSTRY CERTIFICATIONS | * OSHA Certification
* NOCTI
* CAREER SAFE
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| 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+
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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)- Add partners from the industry
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| EMPLOYMENT OUTLOOK & PROJECTED SALARY | * MEDIAN ANNUAL WAGE- $47, 270- $76, 220
* MEDIAN HOURLY- $22. 73/HOUR
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| How to find out more? | * https://www.onetonline.org
* [www.carboncti.org](http://www.carboncti.org)
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