



Automotive Collision Technology Technician

T401300 / 1400 Hours

Mr. Jeff McGee 2025-26

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Building 6, Room 606

Instructor's Office Hours: Monday – Friday 7:00am – 12:00pm

Program Schedule: Monday – Friday 7:00am – 12:00pm

See Canvas Calendar for daily ASE Training Lab (on campus) vs hybrid learning (off campus) schedule

Tom P. Haney Technical College Mission Statement

Tom P. Haney Technical College's mission is to provide high-quality career-educational and training opportunities to meet the current and future high-demand needs of our regional and global skilled workforce.

Program Mission Statement

The Automotive Collision Technology Technician program's mission is to give our students the skills and training necessary to become competent technicians while supplying the industry with productive workers.

Course Number: ARR0140

Occupational Completion Point: A

Automotive Collision Repair and Refinishing Helper/Assistant – 150 Hours

Course Description:

The Automotive Collision Repair and Refinishing Helper/Assistant course prepares students for entry into the Automotive Collision and Repair industry. Content emphasizes beginning skills and concepts as a recommended requisite. Students study equipment skills, safety regulations, routine maintenance, and customer service.

Course Number: ARR0141

Occupational Completion Point: B

Automotive Collision Refinishing Technician – 450 Hours

Course Description:

The Automotive Collision Refinishing Technician course prepares students for entry into the Automotive Collision and Repair industry. Students study safety precautions; surface preparation; spray gun and related equipment operation; paint mixing, matching, and applying; paint defects (causes and cures); and final detailing.

Course Number: ARR0312

Occupational Completion Point: C

Non-Structural Damage Repair Technician – 300 Hours

Course Description:

The Non-Structural Damage Repair Technician course prepares students for entry into the Automotive Collision and Repair industry. Students study safety the preparation; outer body panel repairs, replacements, and adjustments; metal finishing and body filling; movable glass and hardware; plastics and adhesives; electrical; and brakes.

Course Number: ARR0022

Occupational Completion Point: D

Damage Analysis and Estimating – 75 Hours

Course Description:

The Damage Analysis and Estimating course prepares students for entry into the Automotive Collision and Repair industry. Students study damage analysis; estimating; vehicle construction and parts identification; and customer relations and sales skills.

Course Number: ARR0112

Occupational Completion Point: E

Automotive Collision Welding, Cutting, and Joining – 75 Hours

Course Description:

The Automotive Collision Welding, Cutting, and Joining course prepares students for entry into the Automotive Collision and Repair industry. Students study basic welding skills specifically related to automotive collision and repair; safety precautions; metal welding, cutting, and joining.

Course Number: ARR0295

Occupational Completion Point: F

Structural Damage Repair Technician – 350 Hours

Course Description:

The Structural Damage Repair Technician course prepares students for entry into the Automotive Collision and Repair industry. Students study frame inspection and repair; unibody and unitized structure inspection, measurement, and repair; fixed glass; steering and suspension; heating and air conditioning; cooling systems; drive train; fuel, intake and exhaust systems; and restraint systems.

Grading Policy - Students are required to maintain at or above industry / business standards

Assignment weighting

Shop Lab 60%

Classroom 15%
Standards

Employability Skills 25%

Grading Scale

A 90+

B 80-90 Meets industry / business

C 70-79

D 60-69

F 0-59

Attendance Policy

See the Tom P. Haney Technical College Student Handbook attendance policy.

Classroom Policies

- Students are expected to understand and follow all school rules and policies.
- Students are responsible for class, shop lab, and equipment care, and for maintaining proper industry work habits and conduct.
- Shop clean-up is the responsibility of all students and will be conducted on a daily basis.
- Students are required to follow all safety procedures, act in a professional manner, and respect others and school property.

Required Supplies and Equipment for the Automotive Collision Technology Technician Course

- Textbook (Collision Repair and Refinishing: A Foundation Course for Technicians (Third Edition))
- B2 Motor Age ASE training guide
- B3 Motor Age ASE training guide
- B4 Motor Age ASE training guide
- B5 Motor Age ASE training guide
- B6 Motor Age ASE training guide
- Pen and paper
- Approved work boots
- Approved safety glasses
- Appropriate work clothing
- Access to the internet and computer to complete online assignments off campus
- Approved air blower
- Approved work gloves
- Approved welding gloves
- Approved paint gun and tips
- Approved paint respirator
- Approved spray gun cleaning bottle
- Approved paint gun cleaning kit

Industry Certifications:

The ASE (Automotive Service Excellence) certification is an industry-recognized credential that tests and certifies automotive and other transportation professionals, demonstrating they have the essential knowledge and skills to perform vehicle repair and service. To earn certification, technicians must pass a standardized test and fulfill a work experience requirement, providing customers with a reliable indicator of quality and skill. Students must take the following ASE industry certifications: B2, ASE B3, ASE B4, ASE B5, ASE B6

Students will be prepared for the EPA 6H which refers to National Emission Standards for Hazardous Air Pollutants (NESHAP) for Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources, also known as the "Auto Body Rule". Key requirements include painter training, using specific equipment like high-volume, low-pressure (HVLP) spray guns, and proper capture of overspray with high-efficiency filters in spray booths- EPA 6H. Auto body shops typically require this certification for employment.