Automotive Collision Technology Technician

T401300 / 1400 Hours
Mr. Jeff McGee 2026-27
mcgeejl@bay.k12.fl.us **/ 850-767-5500 ext. 212-3406**
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	**Grading Scale**	
50% ASE Training Lab Skills	A	90+
25% ASE Certification Training Skills	B	80-90 Meets industry / business Standards
25% Collision Industry Employability Skills	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 and printer to complete online assignments off campus
- Approved air blower
- Approved work gloves
- Approved welding gloves
- Chemical Resistant Gloves
- Paint suit
- Approved paint gun and tips
- Approved paint respirator
- Approved spray gun cleaning bottle
- Approved paint gun cleaning kit
- Welding Jacket
- Welding Helmet

Industry Certifications:

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**I-CAR (Inter-Industry Conference on Auto Collision Repair)** certification is the gold standard for training in the auto collision repair industry, ensuring technicians have up-to-date knowledge to perform safe and efficient repairs. It focuses on modern vehicle technologies, including ADAS and EV, and certifies professionals across various roles like technicians and estimators.

6H (NESHAP Subpart HHHHHH) certification is an EPA-mandated environmental training for painters in auto body and surface coating shops to reduce emissions of hazardous air pollutants (HAP).