

Auto Body Repair and Painting

Honolulu Community College's Auto Body Repair and Painting Technology Program (ABRP) curriculum has been designed to meet National Automotive Technology Education Foundation standards. Our goal is to prepare students to become entry-level technicians in the field.

Program Entry Requirements

General Requirements:

- Valid driver's license
- Respirator Use Clearance

English Requirements:

- Completion of ENG 20 BCDE (native speakers only)
- Completion of ESL 11, 13, and 17 (non-native speakers only)
- OR
- COMPASS* placement into ENG 21 or 51

Math Requirements:

- Math 20 BCD
- OR
- COMPASS* placement in Math 50 or 53
- *UH Community College System placement test

Recommended Preparation

Classes in industrial arts, mechanical drawing, mathematics, physical science, and communication skills

Costs (not including tuition)

Books, tools and supplies: approximately \$2900

Program Technical Standards

Our program technical standards have been developed to help students understand the minimum essential mental, physical, and behavioral skills necessary for participation in and completion of all core aspects of our curriculum.

As an ABRP student, you will be expected to do the following:

General: Apply mechanical and design concepts to diagnose auto body damage and select appropriate repair processes.

Specific: Read and follow auto body technical specification sheets and work orders. Analyze auto body damage to identify body parts needing to be replaced. Measure auto body components for correct fit. Measure and calculate correct amounts of chemicals and solvents for paint application and removal.

General: Make observations and assessments of auto body condition.

Specific: Inspect cosmetic panels and identify auto body irregularities. Distinguish readings on paint scales. Distinguish color variations.



ABRP student creates a template for composite repair.



ABRP student prepares an estimate for auto body repairs.

Thinking skills 1

Sensory/Observation skills 2

Auto Body Repair and Painting



3

ABRP student uses tool to repair a dent.



5

ABRP students work together on repair projects.



6

ABRP student outfitted with protective gear sprays paint in the painting booth.

3
Motor
skills

General: Possess sufficient physical strength, flexibility, and dexterity to do auto body and refinishing work.

Specific: Operate necessary tools and equipment.

- Remove, repair, and replace damaged components and small parts.
- Position and maneuver in confined spaces.
- Work at varying heights.
- Lift and transport equipment and materials as necessary.

4
Communication
skills

General: Communicate effectively to gather and convey information.

Specific: Obtain necessary information from oral and written sources.

- Express information coherently.
- Document work accurately.

5
Behavioral
skills

General: Behave appropriately and safely in a shared learning environment.

Specific: Work independently with periodic supervision.

- Work cooperatively with partners and groups.
- Follow through with individual and shared responsibilities.
- Exercise good judgement.
- Follow safety procedures.

6
Environmental
tolerance

General: Function safely in an auto shop environment.

Specific: Work for prolonged periods amidst:

- Various levels of noise
- Heat
- Sharp tools and materials
- Electrical equipment
- Chemicals and toxins
- Dust and fumes
- Machinery with moving parts
- Moving objects and vehicles
- Slippery or uneven surfaces

For More Information

If you are interested in our program, we encourage you to meet with our ABRP counselor (phone: 845-9129) and refer to the information at <http://tech.honolulu.hawaii.edu/abrp/index.html> to decide whether the ABRP program is right for you.

Please keep in mind that you will have to fulfill additional requirements to be eligible for certification exams or licensure in the field. For more information go to <http://www.ase.com/>

Disability Accommodations

We have developed our technical standards in compliance with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973. We will provide reasonable accommodations to qualified students with disabilities. If you are interested in our program, we encourage you to review the program technical standards and course information at <http://tech.honolulu.hawaii.edu/abrp/index.html> to decide whether the ABRP program is right for you.

If you have questions about the ABRP program, please call the HCC Counseling Office at 845-9129. Individuals with hearing impairments may call 845-9270 (v/t) or use the Telecommunication Relay Service at 1-877-447-5990.

If you have questions about disability access and accommodations, please direct them to HCC's Services for Students with Disabilities (SSD) at 845-9282 (v/t), 845-9272 (v/t), or e-mail access@hcc.hawaii.edu. SSD will be happy to meet with you, evaluate your disability documentation, and, as appropriate, recommend reasonable accommodations consistent with your documented limitations and the technical standards of the program. We will keep your disability information confidential within the parameters of the accommodation process.