

## PROGRAMS

### COLLISION ENGINEERING TECHNOLOGY (A60130CE)

Curriculums in the Mobile Equipment Maintenance and Repair pathway prepare individuals for employment as entry-level transportation service technicians. The program provides an introduction to transportation industry careers and increases student awareness of the diverse technologies associated with this dynamic and challenging field.

Course work may include transportation systems theory, braking systems, climate control, design parameters, drive trains, electrical/electronic systems, engine repair, engine performance, environmental regulations, materials, product finish, safety, steering/suspension, transmission/transaxles, and sustainable transportation, depending on the program major area chosen.

Graduates of this pathway should be prepared to take professional licensure exams, which correspond to certain programs of study, and to enter careers as entry-level technicians in the transportation industry.

**Collision Engineering Technology:** An immersive apprenticeship training model aimed at developing a new generation of highly skilled, motivated and passionate collision repair professionals. This program facilitates an innovative and holistic training approach that brings together industry and education to provide sustainable pathways to rewarding careers in the industry.

Upon completion of this curriculum, students should be prepared to take the ASE exams and be ready for full-time, entry-level employment in dealerships and repair shops in the automotive service industry.

#### Associate in Applied Science Degree Program

		Course Hours Per Week		Semester Hours
First Semester (Fall)		Class	Lab	Credit
ACA-115	Success & Study Skills	0	2	1
AUB-122	Non-Structural Damage II	2	6	4
AUB-141	Mech & Elec Components I	2	2	3
AUB-150	Automotive Detailing	1	3	2
ENG-111	Writing and Inquiry	3	0	3
WBL-111K	Work-Based Learning I	0	10	1
<b>Credit Hours</b>		<b>8</b>	<b>23</b>	<b>14</b>
Second Semester (Spring)				
AUB-111	Painting & Refinishing I	2	6	4
PSY-118	Interpersonal Psychology	3	0	3
TRN-110	Intro to Transport Tech	1	2	2
TRN-180	Basic Welding for Transp	1	4	3
WBL-121K	Work-Based Learning II	0	10	1
<b>Credit Hours</b>		<b>7</b>	<b>22</b>	<b>13</b>

		Course Hours Per Week		Semester Hours
Third Semester (Summer)				
AUB-121	Non-Structural Damage I	1	4	3
AUB-131	Structural Damage I	2	4	4
AUB-162	Autobody Estimating	1	2	2
COM-120 or COM-231	Intro Interpersonal Com or Public Speaking	3	0	3
WBL-131K	Work-Based Learning III	0	10	1
Credit Hours		7	20	13
Fourth Semester (Fall)				
AUB-112	Painting & Refinishing II	2	6	4
AUB-132	Structural Damage II	2	6	4
MAT***	MAT-110 or higher	2-3	2	3-4
WBL-211K	Work-Based Learning IV	0	10	1
Credit Hours		6-7	24	12-13
Fifth Semester (Spring)				
AUB-114	Special Finishes	1	2	2
AUB-136	Plastics & Adhesives	1	4	3
AUB-144	Mech & Elec Specialties	2	2	3
WLD-110	Cutting Processes	1	3	2
***	Humanities/Fine Arts Elective	3	0	3
Credit Hours		8	11	13
Total Required Minimum Semester Hours Credit				65

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