PROGRAMS

COLLISION REPAIR & REFINISHING TECHNOLOGY

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 Repair and Refinishing Technology: A program that prepares individuals to apply technical knowledge and skills to repair, reconstruct and finish automobile bodies, fenders, and external features. Includes instruction in structural analysis, damage repair, non-structural analysis, mechanical and electrical components, plastics and adhesives, painting and refinishing techniques, and damage analysis and estimating.

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
AUT-141	Suspension & Steering Sys	2	3	3
AUT-141A	Suspension & Steering Lab	0	3	1
MAT***	MAT-110 or higher	2-3	2	3-4
TRN-110	Intro to Transport Tech	1	2	2
TRN-120	Basic Transp Electricity	4	3	5
	Credit Hours	**9-10**	**15**	**15-16**
Second Semester (Spring)				
AUM-111	Managing Automotive Org	3	0	3
AUT-151	Brake Systems	2	3	3
AUT-151A	Brakes Systems Lab	0	3	1
AUT-163	Adv Auto Electricity	2	3	3
TRN-180	Basic Welding for Transp	1	4	3

		Course Hours Per Week		Semester Hours
	Credit Hours	**8**	**13**	**13**
Third Semester (Summer)				
ENG-111	Writing and Inquiry	3	0	3
TRN-140	Transp Climate Control	1	2	2
TRN-140A	Transp Climate Cont Lab	1	2	2
	Credit Hours	**5**	**4**	**7**
Fourth Semester (Fall)				
AUB-111	Painting & Refinishing I	2	6	4
AUB-121	Non-Structural Damage I	1	4	3
AUB-162	Autobody Estimating	1	2	2
COM-231 or COM-120	Public Speaking or Intro Interpersonal Com	3	0	3
PSY-118	Interpersonal Psychology	3	0	3
	Credit Hours	**10**	**12**	**15**
Fifth Semester (Spring)				
AUB-112	Painting & Refinishing II	2	6	4
AUB-122	Non-Structural Damage II	2	6	4
AUB-131	Structural Damage I	2	4	4
***	Humanities/Fine Arts Elective	3	0	3
	Credit Hours	**9**	**16**	**15**
Sixth Semester (Summer)				
AUB-136	Plastics & Adhesives	1	4	3
***	Restricted Elective	1-2	2-6	2-4
	Credit Hours	**2-3**	**6-10**	**5-7**
Total Required Minimum Semester Hours Credit				70

Restricted Electives:		Class	Lab	Credit
AUB-114	Special Finishes	1	2	2
AUB-132	Structural Damage II	2	6	4
AUB-150	Automotive Detailing	1	3	2
AUC-112	Auto Custom Fabrication	2	4	4
AUC-114	Custom Fiberglass Skills	2	4	4

View Catalog Archives

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