

Transportation Programs

Alternative Transportation Technology* (D60420) Diploma

Mobile Equipment Maintenance and Repair Pathway Description: 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.

Alternative Transportation Technology program description: The Alternative Transportation Technology program prepares individuals to apply technical knowledge and skills to the maintenance of alternative fuel vehicles (AFV), hybrid electric vehicles and the conversion of standard vehicles to AFV status. Topics includes instruction in electrical vehicles, hybrid electric vehicles, liquefied petroleum gas (LPG) vehicles, compressed natural gas (CNG) vehicles, hybrid fuel technology, electrical and electronic systems, engine performance, diagnosis and repair, and conversion/installation.

This curriculum complies with the standard approved by the State Board of Community Colleges.

Students may be required to take one or more developmental courses as a result of pre-enrollment placement tests; therefore, the student may need more than the minimum number of semester hours listed for graduation. Developmental courses for this program may include Readiness Level Reading, English, and/or Math and other courses in developmental Reading, English, Math, Biology and Chemistry. For more information on developmental courses, see page 52 or speak to a program advisor. *This program of study qualifies for a prorated amount of federal and/or state financial aid.

			Class	Lab	Clinic	Work	Credit	
						Exp.		
Fall Semester								
ACA	115	Success and Study Skills	0	2	0	0	1	
		Or						
ACA	122	College Transfer Success	0	2	0	0	1	
ATT	115	Green Trans. Safety & Serv.	1	2	0	0	2	
TRN	111	Maint. & Light Repair	2	6	0	0	4	
TRN	120	Basic Trans Electricity	4	3	0	0	5	
TRN	130	Intro to Sustainable Trans	2	2	0	0	3	
		Subtotal					(15)	
Spring Semester								
ATT	135	Gaseous Fuels for Trans.	2	3	0	0	3	
ATT	140	Emerging Trans Tech	2	3	0	0	3	
ENG	110	Freshman Composition	3	0	0	0	3	
		Or						
ENG	111	Writing and Inquiry	3	0	0	0	3	
MAT	110	Math Measurement & Lit	2	2	0	0	3	
TRN	145	Adv. Trans. Electronics	2	3	0	0	3	
		Subtotal					(15)	

Summer Term								
ATT	125	Hybrid Elect. Drive	2	4	0	0	4	
ATT	130	Biofuels for Trans.	2	3	0	0	3	
TRN	140	Trans. Climate Control	1	2	0	0	2	
TRN	140A	Trans. Climate Control Lab*	1	2	0	0	2	
WBL	111	Work Based Learning 1	0	0	10	0	1	
		Subtotal					(12)	

*Denotes a corequisite, course cannot be taken by itself.

Total Semester Credit Hours in Program..... 42

Alternative Transportation Technology – Advanced Electric Drive (C60420AE) Certificate

Students may be required to take one or more developmental courses as a result of pre-enrollment placement tests; therefore, the student may need more than the minimum number of semester hours listed for graduation. Developmental courses for this program may include Readiness Level Reading, English, and/or Math and other courses in developmental Reading, English, Math, Biology and Chemistry. For more information on developmental courses, see page 52 or speak to a program advisor. This program of study does not qualify for federal and/or state financial aid.

			Class	Lab	Clinic	Work	Credit	
						Exp.		
Fall Semester								
TRN	120	Basic Transport Electricity	4	3	0	0	5	
TRN	130	Intro to Sustainable Transport	2	2	0	0	3	
		Subtotal					(8)	
Spring Semester								
ATT	125	Hybrid-Electric Transportation	2	4	0	0	4	
ATT	140	Emerging Transport Tech	2	3	0	0	3	
TRN	145	Adv Transportation Electronics	2	3	0	0	3	
		Subtotal					(10)	

Total Semester Credit Hours in Program..... 18

Alternative Transportation Technology – Alternative Fuels (C60420AF) Certificate

Students may be required to take one or more developmental courses as a result of pre-enrollment placement tests; therefore, the student may need more than the minimum number of semester hours listed for graduation. Developmental courses for this program may include Readiness Level Reading, English, and/or Math and other courses in developmental Reading, English, Math, Biology and Chemistry. For more information on developmental courses, see page 52 or speak to a program advisor. This program of study does not qualify for federal and/or state financial aid.

			Class	Lab	Clinic	Work	Credit	
						Exp.		
Fall Semester								
TRN	120	Basic Transport Electricity	4	3	0	0	5	
TRN	130	Intro to Sustainable Trans	2	2	0	0	3	
		Subtotal					(8)	
Spring Semester								
ATT	115	Green Trans Safety and Service	1	2	0	0	2	
ATT	135	Gaseous Fuels for Trans	2	3	0	0	3	
ATT	140	Emerging Transport Tech	2	3	0	0	3	
		Subtotal					(8)	

Total Semester Credit Hours in Program..... 16

Students may earn additional certificates in the Mobile Equipment Maintenance and Repair Pathway programs. Speak to a faculty advisor for more information.

Automotive Light-Duty Diesel Technology* (D60430) Diploma

Mobile Equipment Maintenance and Repair Pathway Description: 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.

Automotive Light-Duty Diesel program description: The Automotive Light-Duty Diesel program prepares individuals to apply technical knowledge and skills to diagnose, adjust, repair, or overhaul light duty diesel vehicles under one ton classification. Topics include instruction in electrical systems, diesel-electric drive, engine performance, engine repair, emission systems, and all types of diesel engines related to the light duty diesel vehicle. Program includes technicians working primarily with automobile diesel engines.

This curriculum complies with the standard approved by the State Board of Community Colleges.

Students may be required to take one or more developmental courses as a result of pre-enrollment placement tests; therefore, the student may need more than the minimum number of semester hours listed for graduation. Developmental courses for this program may include Readiness Level Reading, English, and/or Math and other courses in developmental Reading, English, Math, Biology and Chemistry. For more information on developmental courses, see page 52 or speak to a program advisor. This program of study qualifies for a prorated amount of federal and/or state financial aid.

	Class	Lab	Clinic	Work	Credit
				Exp.	
Fall Semester					
ACA	115	Success and Study Skills	0	2	0 0 1
		Or			
ACA	122	College Transfer Success	0	2	0 0 1
LDD	112	Intro to Light Duty Diesel	2	2	0 0 3
TRN	120	Basic Trans. Electricity	4	3	0 0 5
TRN	130	Intro. to Sustainable Trans	2	2	0 0 3
		Subtotal			(12)
Spring Semester					
ENG	110	Freshman Composition	3	0	0 0 3
		Or			
ENG	111	Writing and Inquiry	3	0	0 0 3
HET	134	Diesel Fuel and Power Sys.	2	3	0 0 3
LDD	181	LDD Fuel Systems	2	6	0 0 4
LDD	183	Air. Exhaust & Emissions	2	6	0 0 4
MAT	110	Math Measurement & Lit.	2	2	0 0 3
		Subtotal			(17)
Summer Term					
LDD	116	Diesel Electric Drive	2	6	0 0 4
LDD	284	LDD Test & Diagnosis	2	3	0 0 3
TRN	140	Trans. Climate Control	2	2	0 0 2
TRN	140A	Trans. Climate Control Lab*	2	2	0 0 2
WBL	111	Work Based Learning 1	0	0	10 0 1
		Subtotal			(12)

*Denotes a corequisite, course cannot be taken by itself.

Total Semester Credit Hours in Program..... 41

Automotive Light-Duty Diesel Technology – Light-Duty Diesel Fuel Systems (C60430LF) Certificate

Students may be required to take one or more developmental courses as a result of pre-enrollment placement tests; therefore, the student may need more than the minimum number of semester hours listed for graduation. Developmental courses for this program may include Learning Center Reading, English, and/or Math and other courses in developmental Reading, English, Math, Biology and Chemistry. For more information on developmental courses, see page 52 or speak to a program advisor. This program of study does not qualify for federal and/or state financial aid.

	Class	Lab	Clinic	Work	Credit
				Exp.	
Fall Semester					
LDD	112	Intro Light-Duty Diesel	2	2	0 0 3
TRN	120	Basic Transport Electricity	4	3	0 0 5
TRN	130	Intro to Sustainable Transport	2	2	0 0 3
		Subtotal			(11)
Spring Semester					
HET	134	Diesel Fuel & Power Systems	2	3	0 0 3
LDD	181	LDD Fuel Systems	2	6	0 0 4
		Subtotal			(7)

Total Semester Credit Hours in Program..... 18

Automotive Light-Duty Diesel Technology – Light-Duty Diesel Performance (C60430LD) Certificate

Students may be required to take one or more developmental courses as a result of pre-enrollment placement tests; therefore, the student may need more than the minimum number of semester hours listed for graduation. Developmental courses for this program may include Learning Center Reading, English, and/or Math and other courses in developmental Reading, English, Math, Biology and Chemistry. For more information on developmental courses, see page 52 or speak to a program advisor. This program of study does not qualify for federal and/or state financial aid.

	Class	Lab	Clinic	Work	Credit
				Exp.	
Fall Semester					
LDD	112	Intro Light-Duty Diesel	2	2	0 0 3
TRN	130	Intro to Sustainable Transport	2	2	0 0 3
		Subtotal			(6)
Spring Semester					
HET	134	Diesel Fuel & Power Systems	2	3	0 0 3
LDD	183	Air. Exhaust, Emissions	2	6	0 0 4
		Subtotal			(7)
Summer Term					
LDD	284	LDD Test and Diagnosis	2	3	0 0 3
		Subtotal			(3)

Total Semester Credit Hours in Program..... 16

Students may earn additional certificates in the Mobile Equipment Maintenance and Repair Pathway programs. Speak to a faculty advisor for more information.

Automotive Systems Technology (A60160)
Associate in Applied Science Degree

Mobile Equipment Maintenance and Repair Pathway Description: 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.

Automotive Systems Technology program description: The automotive systems program prepares individuals to apply technical knowledge and skills to repair, service, and maintain all types of automobiles. Topics include instruction in brake systems, electrical systems, engine performance, engine repair, suspension and steering, automatic and manual transmissions and drive trains, and heating and air condition systems.

This curriculum complies with the standard approved by the State Board of Community Colleges.

Students may be required to take one or more developmental courses as a result of pre-enrollment placement tests; therefore, the student may need more than the minimum number of semester hours listed for graduation. Developmental courses for this program may include Readiness Level Reading, English, and/or Math and other courses in developmental Reading, English, Math, Biology and Chemistry. For more information on developmental courses, see page 52 or speak to a program advisor.

	Class	Lab	Clinic	Work	Credit	
				Exp.		
Fall Semester						
ACA 115	Success and Study Skills	0	2	0	0	1
	Or					
ACA 122	College Transfer Success	0	2	0	0	1
AUT 151	Brake Systems	2	3	0	0	3
AUT 151A	Brake Systems Lab*	0	3	0	0	1
TRN 111	Chassis Maint/Light Repair	2	6	0	0	4
TRN 120	Basic Transport Electricity	4	3	0	0	5
	Subtotal					(14)
Spring Semester						
AUT 141	Suspension & Steering Sys	2	3	0	0	3
AUT 181	Engine Performance 1	2	3	0	0	3
AUT 181A	Engine Performance 1 Lab*	0	3	0	0	1
ENG 110	Freshman Composition	3	0	0	0	3
	Or					
ENG 111	Writing and Inquiry	3	0	0	0	3
	Humanities Elective**					3
	Major Course Elective***					1
	Subtotal					(14)
Summer Term						
AUT 183	Engine Performance 2	2	6	0	0	4
MAT 110	Math Measurement & Literacy	2	2	0	0	3
TRN 140	Transport Climate Control	1	2	0	0	2
TRN 140A	Transport Climate Control Lab*	1	2	0	0	2
	Subtotal					(11)

Fall Semester

AUT 116	Engine Repair	2	3	0	0	3
COM 120	Intro Interpersonal Comm	3	0	0	0	3
	Or					
ENG 114	Prof Research and Reporting	3	0	0	0	3
TRN 112	Powertrain Maint/Light Repair	2	6	0	0	4
TRN 145	Adv Trans Electronics	2	3	0	0	3
	Major Course Electives***					1
	Subtotal					(14)

Spring Semester

AUT 221	Auto Transm/Transaxles	2	3	0	0	3
AUT 231	Manual Trans/Axles/Drtrains	2	3	0	0	3
	Major Course Electives***					4
	Social/Behavioral Science Elective**					3
	Subtotal					(13)

*Denotes a corequisite, course cannot be taken by itself.

**Humanities Electives and/or Social/Behavioral Science Electives are to be selected from the courses listed on page 52.

***Major Course Electives are to be selected from the following:

ATT 125	Hybrid-Electric Transportation	2	4	0	0	4
AUT 116A	Engine Repair Lab*	0	3	0	0	1
AUT 141A	Suspension & Steering Lab*	0	3	0	0	1
HET 134	Diesel Fuel & Power Systems	2	3	0	0	3
LDD 112	Intro to Light Duty Diesel	2	2	0	0	3
TRN 130	Intro to Sustainable Transport	2	2	0	0	3
TRN 180	Basic Welding for Transport	1	4	0	0	3
WBL 111	Work-Based Learning I	0	0	0	10	1
WBL 121	Work-Based Learning II	0	0	0	10	1
WBL 131	Work-Based Learning III	0	0	0	10	1
WBL 132	Work-Based Learning III	0	0	0	20	2

Total Semester Credit Hours in Program.....66

Automotive Systems Technology (D60160)
Diploma

Students may be required to take one or more developmental courses as a result of pre-enrollment placement tests; therefore, the student may need more than the minimum number of semester hours listed for graduation. Developmental courses for this program may include Readiness Level Reading, English, and/or Math and other courses in developmental Reading, English, Math, Biology and Chemistry. For more information on developmental courses, see page 52 or speak to a program advisor.

	Class	Lab	Clinic	Work	Credit	
				Exp.		
Fall Semester						
ACA 115	Success and Study Skills	0	2	0	0	1
	Or					
ACA 122	College Transfer Success	0	2	0	0	1
AUT 151	Brake Systems	2	3	0	0	3
AUT 151A	Brake Systems Lab*	0	3	0	0	1
TRN 111	Chassis Maint/Light Repair	2	6	0	0	4
	Or					
TRN 112	Powertrain Maint/Light Repair	2	6	0	0	4
TRN 120	Basic Transport Electricity	4	3	0	0	5
	Subtotal					(14)
Spring Semester						
AUT 141	Suspension & Steering Sys	2	3	0	0	3
AUT 181	Engine Performance 1	2	3	0	0	3
AUT 181A	Engine Performance 1 Lab*	0	3	0	0	1
ENG 110	Freshman Composition	3	0	0	0	3
	Or					
ENG 111	Writing and Inquiry	3	0	0	0	3
	Major Course Elective***					3-4
	Subtotal					(13-14)

Summer Term

AUT 183	Engine Performance 2	2	6	0	0	4
MAT 110	Math Measurement & Literacy	2	2	0	0	3
TRN 140	Transport Climate Control	1	2	0	0	2
TRN 140A	Transport Climate Control Lab*	1	2	0	0	2
Subtotal						(11)

*Denotes a corequisite, course cannot be taken by itself.

***Major Course Electives are to be selected from the following:

ATT 125	Hybrid-Electric Transportation	2	4	0	0	4
AUT 141A	Suspension & Steering Lab*	0	3	0	0	1
HET 134	Diesel Fuel & Power Systems	2	3	0	0	3
LDD 112	Intro to Light Duty Diesel	2	2	0	0	3
TRN 130	Intro to Sustainable Transport	2	2	0	0	3
TRN 180	Basic Welding for Transport	1	4	0	0	3
WBL 111	Work-Based Learning I	0	0	0	10	1
WBL 121	Work-Based Learning II	0	0	0	10	1
WBL 131	Work-Based Learning III	0	0	0	10	1

Total Semester Credit Hours in Program..... 38-39

Automotive Systems Technology – Mobile Equipment Technician (C60160MT) Certificate

Students may be required to take one or more developmental courses as a result of pre-enrollment placement tests; therefore, the student may need more than the minimum number of semester hours listed for graduation. Developmental courses for this program may include Readiness Level Reading, English, and/or Math and other courses in developmental Reading, English, Math, Biology and Chemistry. For more information on developmental courses, see page 52 or speak to a program advisor. This program of study does not qualify for federal and/or state financial aid.

Class Lab Clinic Work Credit Exp.

Fall Semester

TRN 112	Powertrain Maint/Light Repair	2	6	0	0	4
TRN 120	Basic Transport Electricity	4	3	0	0	5
Subtotal						(9)

Spring Semester

TRN 140	Transport Climate Control	1	2	0	0	2
TRN 140A	Transport Climate Control Lab*	1	2	0	0	2
Subtotal						(4)

*Denotes a corequisite, course cannot be taken by itself.

Total Semester Credit Hours in Program..... 13

Automotive Systems Technology – Chassis Technician (C60160CT) Certificate

Students may be required to take one or more developmental courses as a result of pre-enrollment placement tests; therefore, the student may need more than the minimum number of semester hours listed for graduation. Developmental courses for this program may include Readiness Level Reading, English, and/or Math and other courses in developmental Reading, English, Math, Biology and Chemistry. For more information on developmental courses, see page 52 or speak to a program advisor. This program of study does not qualify for federal and/or state financial aid.

Class Lab Clinic Work Credit Exp.

Fall Semester

AUT 151	Brake Systems	2	3	0	0	3
AUT 151A	Brake Systems Lab*	0	3	0	0	1
TRN 111	Chassis Maint/Light Repair	2	6	0	0	4
Subtotal						(8)

Spring Semester

AUT 141	Suspension & Steering Sys	2	3	0	0	3
AUT 141A	Suspension & Steering Lab*	0	3	0	0	1
WBL 111	Work-Based Learning I	0	0	0	10	1
Subtotal						(5)

*Denotes a corequisite, course cannot be taken by itself.

Total Semester Credit Hours in Program..... 13

Automotive Systems Technology – Electrical/Electronic Technician (C60160ET) Certificate

Students may be required to take one or more developmental courses as a result of pre-enrollment placement tests; therefore, the student may need more than the minimum number of semester hours listed for graduation. Developmental courses for this program may include Readiness Level Reading, English, and/or Math and other courses in developmental Reading, English, Math, Biology and Chemistry. For more information on developmental courses, see page 52 or speak to a program advisor.

Class Lab Clinic Work Credit Exp.

Fall Semester

TRN 111	Chassis Maint/Light Repair	2	6	0	0	4
TRN 120	Basic Transport Electricity	4	3	0	0	5
TRN 145	Adv Transp Electronics	2	3	0	0	3
Subtotal						(12)

Spring Semester

ATT 125	Hybrid-Electric Transportation	2	4	0	0	4
WBL 111	Work-Based Learning I	0	0	0	10	1
Subtotal						(5)

Total Semester Credit Hours in Program..... 17

Automotive Systems Technology – Engine Performance (C60160EN) Certificate

Students may be required to take one or more developmental courses as a result of pre-enrollment placement tests; therefore, the student may need more than the minimum number of semester hours listed for graduation. Developmental courses for this program may include Readiness Level Reading, English, and/or Math and other courses in developmental Reading, English, Math, Biology and Chemistry. For more information on developmental courses, see page 52 or speak to a program advisor.

	Class	Lab	Clinic	Work Exp.	Credit		
Fall Semester							
TRN	112	Powertrain Maint/Light Repair	2	6	0	0	4
TRN	120	Basic Transport Electricity	4	3	0	0	5
		Subtotal					(9)
Spring Semester							
AUT	181	Engine Performance 1	2	3	0	0	3
AUT	181A	Engine Performance 1 Lab*	0	3	0	0	1
		Subtotal					(4)
Summer Term							
AUT	183	Engine Performance 2	2	6	0	0	4
		Subtotal					(4)

*Denotes a corequisite, course cannot be taken by itself.

Total Semester Credit Hours in Program..... 17

Automotive Systems Technology – Driveline Performance Certification (C60160DR) Certificate

Students may be required to take one or more developmental courses as a result of pre-enrollment placement tests; therefore, the student may need more than the minimum number of semester hours listed for graduation. Developmental courses for this program may include Readiness Level Reading, English, and/or Math and other courses in developmental Reading, English, Math, Biology and Chemistry. For more information on developmental courses, see page 52 or speak to a program advisor. This program of study does not qualify for federal and/or state financial aid.

	Class	Lab	Clinic	Work Exp.	Credit		
Required Courses							
AUT	116	Engine Repair	2	3	0	0	3
AUT	116A	Engine Repair Lab*	0	3	0	0	1
AUT	221	Auto Transm/Transaxles	2	3	0	0	3
AUT	231	Man Trans/Axles/Drtrains	2	3	0	0	3
TRN	112	Powertrain Maint/Light Repair	2	6	0	0	4

*Denotes a corequisite, course cannot be taken by itself.

Total Semester Credit Hours in Program..... 14

Students may earn additional certificates in the Mobile Equipment Maintenance and Repair Pathway programs. Speak to a faculty advisor for more information.

Collision Repair and Refinishing Technology (A60130) Associate in Applied Science Degree

Mobile Equipment Maintenance and Repair Pathway Description: 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 program description: The collision repair and refinishing program prepares individuals to apply technical knowledge and skills to repair, reconstruct and finish automobile bodies, fenders, and external features. Topics include instruction in structure analysis, damage repair, non-structural analysis, mechanical and electrical components, plastics and adhesives, painting and refinishing techniques, and damage analysis and estimating.

This curriculum complies with the standard approved by the State Board of Community Colleges.

Students may be required to take one or more developmental courses as a result of pre-enrollment placement tests; therefore, the student may need more than the minimum number of semester hours listed for graduation. Developmental courses for this program may include Readiness Level Reading, English, and/or Math and other courses in developmental Reading, English, Math, Biology and Chemistry. For more information on developmental courses, see page 52 or speak to a program advisor.

	Class	Lab	Clinic	Work Exp.	Credit		
Fall Semester							
ACA	115	Success and Study Skills	0	2	0	0	1
		Or					
ACA	122	College Transfer Success	0	2	0	0	1
AUB	111	Painting and Refinishing I	2	6	0	0	4
AUB	121	Non-Structural Damage I	1	4	0	0	3
TRN	120	Basic Transport Electricity	4	3	0	0	5
TRN	130	Intro to Sustainable Transport	2	2	0	0	3
		Subtotal					(16)
Spring Semester							
AUB	112	Painting and Refinishing II	2	6	0	0	4
AUB	122	Non-Structural Damage II	2	6	0	0	4
ENG	110	Freshman Composition	3	0	0	0	3
		Or					
ENG	111	Writing and Inquiry Humanities Elective**	3	0	0	0	3
		Subtotal					(14)
Summer Term							
AUB	114	Special Finishes	1	2	0	0	2
AUB	136	Plastics and Adhesives	1	4	0	0	3
MAT	110	Math Measurement & Literacy	2	2	0	0	3
TRN	140	Transport Climate Control	1	2	0	0	2
TRN	140A	Transport Climate Control Lab*	1	2	0	0	2
		Subtotal					(12)

Fall Semester

AUB 131	Structural Damage I	2	4	0	0	4
AUB 162	Autobody Estimating	1	2	0	0	2
TRN 111	Chassis Maint/Light Repair	2	6	0	0	4
	Social/Behavioral Science Elective**					3
	Subtotal					(13)

Spring Semester

AUB 132	Structural Damage II	2	6	0	0	4
COM 120	Intro Interpers Communication	3	0	0	0	3
	Or					
ENG 114	Prof Research and Reporting	3	0	0	0	3
TRN 180	Basic Welding for Trans	1	4	0	0	3
TRN 180A	Basic Welding for Trans Lab	0	3	0	0	1
WBL 111	Work-Based Learning I	0	0	0	10	1
	Subtotal					(12)

*Denotes a corequisite, course cannot be taken by itself.

**Humanities Electives and/or Social/Behavioral Science Electives are to be selected from the courses listed on page 52.

Total Semester Credit Hours in Program.....67

**Collision Repair and Refinishing Technology (D60130)
Diploma**

Students may be required to take one or more developmental courses as a result of pre-enrollment placement tests; therefore, the student may need more than the minimum number of semester hours listed for graduation. Developmental courses for this program may include Readiness Level Reading, English, and/or Math and other courses in developmental Reading, English, Math, Biology and Chemistry. For more information on developmental courses, see page 52 or speak to a program advisor.

		Class	Lab	Clinic	Work	Credit
					Exp.	
Fall Semester						
ACA 115	Success and Study Skills	0	2	0	0	1
	Or					
ACA 122	College Transfer Success	0	2	0	0	1
AUB 111	Painting and Refinishing I	2	6	0	0	4
AUB 121	Non-Structural Damage I	1	4	0	0	3
TRN 120	Basic Transport Electricity	4	3	0	0	5
TRN 130	Intro to Sustainable Transport	2	2	0	0	3
	Subtotal					(16)
Spring Semester						
AUB 112	Painting and Refinishing II	2	6	0	0	4
AUB 122	Non-Structural Damage II	2	6	0	0	4
ENG 110	Freshman Composition	3	0	0	0	3
	Or					
ENG 111	Writing and Inquiry	3	0	0	0	3
WBL 111	Work-Based Learning I	0	0	0	10	1
	Subtotal					(12)
Summer Term						
AUB 114	Special Finishes	1	2	0	0	2
AUB 136	Plastics and Adhesives	1	4	0	0	3
MAT 110	Math Measurement & Literacy	2	2	0	0	3
TRN 140	Transport Climate Control	1	2	0	0	2
TRN 140A	Transport Climate Control Lab*	1	2	0	0	2
	Subtotal					(12)

*Denotes a corequisite, course cannot be taken by itself.

Total Semester Credit Hours in Program.....40

**Collision Repair and Refinishing – Insurance Estimating (C60130IE)
Certificate**

Students may be required to take one or more developmental courses as a result of pre-enrollment placement tests; therefore, the student may need more than the minimum number of semester hours listed for graduation. Developmental courses for this program may include Readiness Level Reading, English, and/or Math and other courses in developmental Reading, English, Math, Biology and Chemistry. For more information on developmental courses, see page 52 or speak to a program advisor.

		Class	Lab	Clinic	Work	Credit
					Exp.	
Fall Semester						
AUB 131	Structural Damage I	2	4	0	0	4
AUB 162	Autobody Estimating	1	2	0	0	2
	Subtotal					(6)
Spring Semester						
AUB 111	Painting and Refinishing I	2	6	0	0	4
AUB 121	Non-Structural Damage I	1	4	0	0	3
	Subtotal					(7)
Summer Term						
AUB 136	Plastics and Adhesives	1	4	0	0	3
	Subtotal					(3)

Total Semester Credit Hours in Program.....16

**Collision Repair and Refinishing – Non-Structural (C60130NS)
Certificate**

Students may be required to take one or more developmental courses as a result of pre-enrollment placement tests; therefore, the student may need more than the minimum number of semester hours listed for graduation. Developmental courses for this program may include Readiness Level Reading, English, and/or Math and other courses in developmental Reading, English, Math, Biology and Chemistry. For more information on developmental courses, see page 52 or speak to a program advisor.

		Class	Lab	Clinic	Work	Credit
					Exp.	
Fall Semester						
AUB 111	Painting and Refinishing I	2	6	0	0	4
AUB 121	Non-Structural Damage I	1	4	0	0	3
	Subtotal					(7)
Spring Semester						
AUB 112	Painting and Refinishing II	2	6	0	0	4
AUB 122	Non-Structural Damage II	2	6	0	0	4
	Subtotal					(8)
Summer Term						
AUB 136	Plastics and Adhesives	1	4	0	0	3
	Subtotal					(3)

Total Semester Credit Hours in Program.....18

Collision Repair and Refinishing – Structural (C60130S) Certificate

Students may be required to take one or more developmental courses as a result of pre-enrollment placement tests; therefore, the student may need more than the minimum number of semester hours listed for graduation. Developmental courses for this program may include Readiness Level Reading, English, and/or Math and other courses in developmental Reading, English, Math, Biology and Chemistry. For more information on developmental courses, see page 52 or speak to a program advisor.

Class Lab Clinic Work Credit
Exp.

Fall Semester

AUB 111	Painting & Refinishing I	2	6	0	0	4
AUB 131	Structural Damage I	2	4	0	0	4
	Subtotal					(8)

Spring Semester

AUB 132	Structural Damage II	2	6	0	0	4
TRN 180	Basic Welding for Transport	1	4	0	0	3
TRN 180A	Basic Welding for Trans Lab*	0	3	0	0	1
	Subtotal					(8)

*Denotes a corequisite, course cannot be taken by itself.

Total Semester Credit Hours in Program..... 16

Students may earn additional certificates in the Mobile Equipment Maintenance and Repair Pathway programs. Speak to a faculty advisor for more information.