

AUTO BODY REPAIR (ABR)

(Sparks Campus)

This program is designed to provide the necessary skills, knowledge, and experience for employment in the Auto Body Repair and Refinishing field.

The student will acquire fundamental processes and skills necessary to remove, repair, and replace metallic and non-metallic parts as well as straighten and repair frame and main body parts. Other areas covered include refinishing repaired surfaces, repair and replacement of electrical and electronic systems, and proper alignment of steering and drive train. Students must purchase their own books and tools.

Students completing all courses listed in the curriculum will be awarded a program certificate in Auto Body Repair. Admission is conditional and depends on the student's ability to perform the essential functions identified for this program. A high school diploma or GED® certificate is not required; however, students are required to have specifically documented ability to benefit. (See *Admission to Courses Not Creditable Toward an Associate Degree* in the *Admissions Policies and Procedures* section of this catalog.) Reasonable accommodations are considered.

CERTIFICATE CURRICULUM

<i>Courses</i>	<i>Credit Hours</i>
Area I: Written and Oral Communications	6
COM 103 Introductory Technical English II	3
SPC 103 Oral Communication Skills	3
Area III: Natural Sciences, Mathematics, and Computer Science	6
DPT 103 Introductory Computer Skills II	3
MAH 101 Introductory Mathematics I	3
Area V: Career and Technical Courses	50
Required Orientation Courses	
ORI 104 WorkKeys® Assessment and Advisement	1
ORT 100 Orientation for Career Students	1
Required Field of Concentration Courses	
ABR 111 Nonstructural Repair	3
ABR 114 Nonstructural Panel Replacement	3
ABR 122 Surface Preparation	3
ABR 123 Paint Application and Equipment	3
ABR 151 Safety and Environmental Practices	3
ABR 154 Automotive Glass and Trim	3
ABR 156 Automotive Cutting and Welding	3
ABR 157 Automotive Plastic Repair	3
ABR 213 Automotive Structural Analysis	3
ABR 214 Automotive Structural Repair	3
ABR 223 Automotive Mechanical Components	3
ABR 224 Automotive Electrical Components	3
ABR 255 Steering and Suspension	3
ABR 258 Heating and AC in Collision Repair	3
ABR 265 Paint Defects and Final Repair	3
Total Field of Concentration Credits	48
Total Credits for Certificate	59

SHORT CERTIFICATE CURRICULUM

<i>Courses</i>	<i>Credit Hours</i>
Area V: Field of Concentration Courses	24
ABR 111 Nonstructural Repair	3
ABR 114 Nonstructural Panel Replacement	3
ABR 122 Surface Preparation	3
ABR 123 Paint Application and Equipment	3
ABR 154 Automotive Glass and Trim	3
ABR 156 Automotive Cutting and Welding	3
ABR 157 Automotive Plastic Repair	3
ABR 265 Paint Defects and Final Repair	3
Total Credits for Short Certificate	24

Auto Body Repair Certificate Suggested Course Sequence

<i>FIRST SEMESTER</i>	<i>SECOND SEMESTER</i>	<i>THIRD SEMESTER</i>
ABR 111	ABR 122	ABR 156
ABR 114	ABR 123	ABR 223
ABR 157	ABR 151	ABR 224
MAH 101	ABR 265	ABR 258
SPC 103	COM 103	
	DTP 103	
<i>FOURTH SEMESTER</i>		
ABR 154		
ABR 213		
ABR 214		
ABR 255		
ORI 104		
ORT 100		

Auto Body Repair Short Certificate Suggested Course Sequence

<i>FIRST SEMESTER</i>	<i>SECOND SEMESTER</i>
ABR 111	ABR 122
ABR 114	ABR 123
ABR 154	ABR 157
ABR 156	ABR 265