

ABDY - AUTOBODY

ABDY 101 Introduction to Estimating. Term Typically Offered: Fall Understand the basics of writing estimates using both hand written and computer based estimating systems. Learn techniques for estimating repair times as well as the estimating abbreviations and terminology. Lecture Hours 2 Department: Transportation - COT	2 Credits	ABDY 220 Structural Collision Repair. Term Typically Offered: Spring Demonstrates how to repair major collision damage and determine the integrity of the structure. Explores frame and unibody straightening techniques as well as structural panel replacement. Lecture Hours 6 Department: Transportation - COT	6 Credits
ABDY 110 Intro to Collision Repair. Term Typically Offered: Fall Identify the names of all the body panels and how to remove them. Students will learn what types of fasteners are used on modern vehicles as well as how to align the various body panels. Lecture Hours 4 Department: Transportation - COT	4 Credits	ABDY 245 Custom Metal Shaping. Term Typically Offered: Spring Prerequisite(s): ABDY 110, ABDY 120, TRID 140. 5cr. Applies Custom metal shaping techniques on vehicles. Introduces the use of custom metal shaping tools, and proper safety precautions associated with metal shaping. Lecture Hours 2, Lab Hours 4 Department: Transportation - COT	5 Credits
ABDY 120 Non-Structural Collision Repair. Term Typically Offered: Fall Demonstrate how to remove damage from panels involved in minor collisions. Teaches metal-straightening techniques as well as how to repair plastics and the proper use of body fillers. Students will learn some basic paintless dent repair procedures. Lecture Hours 6 Department: Transportation - COT	6 Credits	ABDY 270 Advanced Refinishing. Term Typically Offered: Spring Develops the understanding of automotive topcoats by teaching color-blending techniques. Students will also learn how to spray three-stage paints as well as how and when to tint. Lecture Hours 6 Department: Transportation - COT	6 Credits
ABDY 150 Refinish Safety. Term Typically Offered: Fall Explains the hazards in the refinish facility and how to avoid them. Teaches proper handling of the various chemicals present in the refinish facility and proper equipment maintenance. Lecture Hours 2 Department: Transportation - COT	2 Credits	ABDY 275 Waterborne Paint Systems. Term Typically Offered: Spring Differentiates between waterborne paint and solvent-based paint. Teaches blending techniques specific to waterborne paint and various aspects of the different systems. Lecture Hours 3 Department: Transportation - COT	3 Credits
ABDY 160 Automotive Undercoats. Term Typically Offered: Fall Teaches how to prepare a vehicle for paint using various types of primers and other undercoats used on modern vehicles. Lecture Hours 4 Department: Transportation - COT	4 Credits	ABDY 280 Custom Painting. Term Typically Offered: Spring Applies custom painting techniques on vehicles. Introduces airbrush techniques, proper use of candy paints, and other custom finishes. Lecture Hours 5 Department: Transportation - COT	5 Credits
ABDY 170 Automotive Topcoats. Term Typically Offered: Fall Understand the various types of topcoats applied to modern vehicles. Learn proper techniques for spraying everything from industrial single stage paint to base-coat/clear-coat. Learn how to spray metallic and pearl paints as well as how to identify the type of paint and location of the paint code. Lecture Hours 6 Department: Transportation - COT	6 Credits	ABDY 298 Internship/Cooperative Educ. Pass/No Pass (45 hours/credit) Provides university credit for a sophomore work experience in the area of Automobile Collision Repair and Refinishing Technology, supervised by faculty. Learning agreement must be completed prior to registration (restricted). Department: Transportation - COT	1-9 Credits
ABDY 201 Advanced Estimating. Term Typically Offered: Spring Provides instruction on advanced estimating techniques such as researching factory procedures to repair a vehicle properly. Offers negotiation strategies when working with insurance companies. Lecture Hours 1 Department: Transportation - COT	1 Credit		