

REFINISHING TECHNICIAN

Refinish and paint vehicle components and autobodies. The program duplicates a repair shop environment where work is performed on customer vehicles, and uses I-CAR Advance Tech Curriculum.

dent repair | **glass removal & installation** | **3-stage painting** | **operate spray equipment** | **customer communication** | **analyze & estimate**

Suggested Abilities

- ▶ 8th grade English reading, writing, speaking, and listening
- ▶ Understand basic algebra
- ▶ Basic knowledge of chemistry and physics
- ▶ Lift 30 pounds
- ▶ Sustained activity for 5 hours at a time

Prerequisites

- ▶ *High School Students: Meet with counselor for eligibility requirements*

Class Hours

- ▶ Afternoon: 12:10pm - 3:00pm, Mon. - Fri.

SEMESTER 1

ACT 1041 Refinishing Safety

1 credit

Proper procedures, correct fit/use of protective equipment, identification, use and maintenance of tools, and national guidelines for handling and disposing hazardous materials.

ACT 1042 Surface Preparation I

2 credits

Surface preparation for refinishing: cleaning, sanding, feather edging, chemical treatment, priming.

ACT 1043 Spray Equipment Operation

2 credits

Inspection, cleaning and determination of the condition of spray guns and related equipment. Students learn skills for adjusting spray guns by setting-up and testing spray gun operations.

ACT 1044 Refinishing I

2 credits

Automotive paint system application: locating color codes, mixing formulas, material selection, paint gun use and adjustments, plus masking and detailing techniques through hands-on practice.

ACT 2042 Surface Preparation II

2 credits

Cleaning, sanding, feather edging, chemical treatment of bare metals, priming, and primer application—why, where, and how to use them.

ACT 2044 Final Detail

2 credits

Detailing procedures in paint refinishing of vehicles. Methods and techniques are specialized to enhance painting skills. Transfers and tapes methods with decals etc. are demonstrated.

SEMESTER 2

ACT 1071 Auto Collision Tech Lab II

9 credits

A continuation of Lab experience. Designed to prepare the individual to perform basic tasks for a specialized area in a controlled instructional lab.

ACT 2043 Refinishing II

2 credits

Surface preparation for refinishing: cleaning, sanding, feather edging, chemical treatment of bare metals, and priming, plus primer application, purposes, and appropriate use.

ACT 2045 Waterborne Paint Application

3 credits

Surface preparation, primer and clear coat application, paint defect identification and troubleshooting during priming, color application, and clear coats, plus color selection and accuracy.

Refinishing Technician Certificate

1 Year

25 Credit Hours



Information Revised MAR'26. Information subject to change. Course listings have been paraphrased on this flyer, for full course info please see Pickens Catalog. This certificate is eligible for Financial Aid. If you have further questions, please call (303)344-4910.