



REFINISHING TECHNICIAN

Refinishing Technician Certification

Refinish and paint vehicle components and autobodies

The Refinishing Technician program prepares individuals to apply technical skills to prepare surfaces, operate spray equipment, mix and apply paint, and detect paint defects. Students will also be introduced to paintless dent repair, glass removal and installation, estimating, and 3-stage painting. The program duplicates a repair shop environment where work is performed on customer vehicles. This course uses the I-CAR Advance Tech Curriculum.

Suggested educational levels:

- English literacy (reading, writing, speaking, and listening)
- Understanding of basic algebra
- Basic knowledge of chemistry and physics

Suggested physical abilities:

- Capable of lifting 50 pounds
- Capable of sustained activity for 5 hours at a time

Class Hours:

- Afternoon: 12:05pm - 2:55pm Mon.- Fri.
- Program is 2 semesters in length, with start dates in Fall

Tuition and Credit Hour Calculation

Semester 1

\$1,560.00 (Tuition)
+ \$170.00 (Credit Hour Fee)
\$1,730.00

Semester 2

\$1,690.00 (Tuition)
+ \$180.00 (Credit Hour Fee)
\$1,870.00

Based on Colorado Resident In-State Tuition

Estimated Program Costs *(to be paid at Picken's payment office)*

Tuition and Credit Hour Fees:

Semester 1: \$1,730.00

Semester 2: \$1,870.00

Required On Campus Costs:

Program Charges: \$500.00 (each semester)

Student ID: \$10.00 (each year)

CTSO Charge: \$20.00 (each year)

Mask Fitting Fee: \$30.00 (semester 1)

Estimated Total:

Refinishing Technician Certificate:

\$4,660.00 (+tax)

Additional Relevant Costs *(estimated)*

Required Off Campus Costs:

Gloves: \$20.00 (plus tax)

Leather work boots with weather resistant sole: \$150.00 (plus tax)

Safety Glasses: \$10.00 (plus tax)

Coveralls or work shirt: \$50.00 (plus tax)

Optional Costs:

I-CAR Pro Level 1 Certificate: \$100.00

Credits:
25

Length:
1 years

Cost:
\$4,660



Cost and information revised **July 2023**

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REFINISHING TECHNICIAN

Courses required for this certificate:

ACT 1041 Refinishing Safety

This course covers correct use of safety procedures used in refinishing. Proper fit and use of various types of protective equipment is emphasized. The identification of tools and equipment, with use and maintenance is covered including national guidelines for proper disposal and handling of hazardous materials.

ACT 1042 Surface Preparation I

This course covers surface preparation for refinishing including cleaning, sanding, feather edging, chemical treatment of bare materials and priming. The application of primers, including rationale and use is covered. In addition the student learns skills for proper removal and storage of exterior trim and protection of adjacent panels.

ACT 1043 Spray Equipment Operation

This course covers 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

Provides the knowledge needed for application and use of automotive paint systems. Course includes locating color codes, mixing formulas, matching and selections of materials. Proper paint gun use and adjustments is taught for the product being applied. In addition, the student practices correct masking and detailing techniques.

ACT 1071 Auto Collision Tech Lab II

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

ACT 2041 Paint Defects

This course covers paint defects. Emphasizes the causes of paint defects with methods to cure problems during and after refinishing procedures. Students learn to identify the proper surface preparations to apply prior to refinishing. Training includes using paint equipment and determining paint film thickness with proper temperatures for refinishing.

ACT 2042 Surface Preparation II

This course emphasizes surface preparation for refinishing including cleaning, sanding, feather edging, chemical treatment of bare metals and priming. The application of primers, including why and where to use them is covered.

ACT 2043 Refinishing II

This course emphasizes surface preparation for refinishing including cleaning, sanding, feather edging, chemical treatment of bare metals and priming. The application of primers, including why and where to use them is covered in this course.

ACT 2044 Final Detail

This course focuses on the 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.

REFINISHING TECHNICIAN CERTIFICATE

Certificate Total: Clock Hours: 600 Credit Hours: 25

Certificate Length: 2 semesters