



**Associate of Applied Science Degree**

Credit Hours Required for Graduation:  
Associate of Applied Science Degree: ..... 60.0



**For more information contact:**

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Students learn entry-level technical skills for the auto collision repair field and master the skills required to repair today's automobiles. Graduates are prepared for many jobs in the auto-repair field. The program is certified by the National Automotive Technicians Education Foundation. The program offers Platinum Class certification through I-CAR (Inter-Industry Conference on Auto Collision Repair) using the Professional Development Program™ - Education Edition. The students can also become welder-certified in both steel and aluminum through I-CAR.



## Program Overview

Welcome to SCC's Auto Collision Repair Technology program. This program is located on the Milford Campus and is an introduction to the collision repair industry that includes estimating, metal repair, welding, refinishing, and detailing. Students also have the opportunity to work on their own vehicles, giving them real-world, on-the-job experience. The I-CAR Professional Development Program™ bridges the gap between the classroom and the shop floor efficiently and effectively with a comprehensive curriculum that offers the student the same training that professional technicians receive.

Following the curriculum program as designed, the student will graduate with the Platinum designation in non-structural and also refinishing, which is the same level of recognition that working technicians receive at no cost to the student or employer.

The student also has the opportunity to complete I-CAR Welding Training & Certification at a reduced rate. Students gain the entry-level basics of auto collision repair and master the skills required for today's structural and nonstructural body components and the advanced refinishing processes.



## Top Career Options

- Auto Body Technician
- Collision Technician
- Paint Specialist



## Graduate Earnings

Recent graduates report an average starting wage of \$15.35 per hour.



<b>2019-2020 Tuition/Fee Rate Per Credit Hour</b>	
Nebraska Resident	\$108
Out-of-state tuition/fee rate	\$129
<b>Estimated Expenses</b>	
Tuition/Fees	\$ 7,020
Books	1175
Special Fees	0
Tools/Supplies	5,650
<b>Total:</b>	<b>\$13,845</b>

## General Education

### Requirements

Contact your program advisor to select general education courses from each category which will meet your program's graduation requirements.

See the General Education pages for a complete list.

(One class from each area below.)

Oral Communications 3.0

Written Communications 3.0

(Plus three classes from the four areas below; no two classes from the same area.)

Critical Thinking & Problem Solving, Global Awareness and Citizenship, Analytical,

Quantitative and Scientific Reasoning, and/or Career and Life Skills.

See Catalog for eligible classes. 9.0  
15 hours

## Auto Collision Repair

### Core Courses

Course #	Course title	Credit hrs
AUTB1151	Tools & Equipment/ Collision Repair Welding	3.0
AUTB1152	Collision Repair Theory I/ Paint Preparation Theory	5.0
AUTB1153	Collision Repair Lab I	6.0
AUTB1250	Collision Repair Theory II	3.0
AUTB1251	Collision Repair Lab II/ Estimating	4.5
AUTB1252	Paint Finishes Theory/ Refinishing Lab I	5.5
AUTB2350	Automotive Electrical Repair/Safety Systems	3.0
AUTB2352	Refinishing Lab II	3.0
AUTB2353	Collision Repair Lab III	5.0
AUTB2450	Structural Repair	3.0
AUTB2451	Automotive Mechanical Systems Theory	3.0
AUTB2452	Collision Repair Lab IV	6.0

50.0 hours

Students are required to provide or purchase a basic tool set during the first term. For cost estimates, please go to [www.southeast.edu/autocollisionrepair](http://www.southeast.edu/autocollisionrepair).

More information can be acquired by contacting the program.



## Basic Tools for Auto Collision Repair Technology Program

### Tools Required For First Semester Second Week

- \* \* Ear Plugs
- \* \* Safety Glasses
- \* \* 1 - Grinding & Gas Welding Shield Set
- \* 1 - Head Gear, 1 - (min. #5) Tinted Welding Shield, 1-clear grinding shield
- \* \* 1 - Leather Welding Gloves
- \* \* 1 - Measuring Tape (with metric & standard measurements)
- \* 1 - Welding Helmet (Auto-Darkening recommended)
- \* \* 1 - Welders Pliers

### Tools Required For First Semester Fourth Week

- \* 1 - Paint Respirator 3M 7178
- \* 1 - Filler Mixing Board
- \* 1 - Surfom Curved File Blade (cheese grater)
- \* 1 - Adalox Board
- \* 1 - 5" Rubber Sanding Block
- \* 1 - 8" Sanding Block
- \* 1 - Contour Sanding Block
- \* 1 - Putty Knife
- \* 1 - Blow Gun
- \* 1 - Clean & Strip Mandrel

### Tools Required For First Semester Sixth Week

- \* 1 - Interior Trim Panel Removal Tool
- \* 1 - Magnetic Screwdriver
- \* 1 - 6" (dual action) Sander
- \* 1 - Torx Screwdriver Set (T10 to T35) (magnetic bit optional)
- \* 1 - 15-piece Metric Combination Wrench Set (Sizes 7mm thru 21mm)
- \* 1 - 1/4" Drive Ratchet Set (ratchet, extensions)
- \* 12-piece metric shallow sockets – 1/4" drive 6-point (sizes 4mm thru 14mm including 5.5mm)
- \* 10-piece metric deep sockets – 1/4" drive 6-point (sizes 5mm thru 14mm including 5.5mm)
- \* 8-piece standard deep sockets – 1/4" drive 6-point (sizes 1/4"-9/16")
- \* 1 - 13-piece Metric 3/8" Drive Shallow 6-point Socket Set (sizes 7mm thru 19mm)
- \* 1 - 13-piece Metric 3/8" Drive Deep 6-point Socket Set (sizes 7mm - 19mm) (includes ratchet)
- \* 1 - Torx Socket Set (T40, T45, T50, T55) (includes ratchet)

### Tools Required For Second Semester

- \* 1 - Lockable Rolling Tool Box (Top Chest Optional) (Maximum 55" long — 55" includes hang/add on boxes)
- \* 1 - 3-piece Body Clip Removal Set (GearWrench 41850 or equivalent)
- \* 1 - Bent Door Skin Hammer
- \* 1 - Long Pick Hammer
- \* 1 - Roughing Hammer
- \* 1 - Curved Cross Chisel Hammer
- \* 1 - 3 lb. Cross Peen Hammer
- \* 1 - General Purpose (Universal) Dolly
- \* 1 - Toe Dolly
- \* 1 - Dinging Spoon
- \* 1 - Caulking Iron
- \* 1 - #1 Phillips Screwdriver (magnetic bit option)
- \* 1 - #2 Phillips Screwdriver (magnetic bit option)
- \* 1 - Small Straight Tip Screwdriver (magnetic bit option)
- \* 1 - Large Straight Tip Screwdriver (magnetic bit option)
- \* 1 - Scratch Awl
- \* 1 - 10" Locking Pliers (Vise Grip #10WR)
- \* 1 - C-Clamp Type Locking Pliers (Vise Grip #11R)
- \* 1 - Welders Grip Locking Pliers (Vise Grip #9R)
- \* 1 - 6" Slip Lock Pliers
- \* 1 - 5" Side Cutter Pliers
- \* 1 - Standard Allen (Hex) Wrench Set (magnetic bit option)
- \* 1 - Metric Allen (Hex) Wrench Set (magnetic bit option)
- \* 1 - Standard Combination Wrench Set (Sizes 1/4"-1 1/8")
- \* 1 - 3/8" Drive Ratchet Extension Set (may be included in the set)
- \* 1 - 3/8" Extension Set (may be included in the set)
- \* 1 - 3/8" Shallow 6pt. Socket Set (3/8" to 3/4")
- \* 1 - 3/8" Deep 6-point Socket Set (Sizes 3/8" to 3/4")
- \* 1 - Drill Bit Set (to 3/8")
- \* 1 - Utility Knife
- \* 1 - Paint Nib File
- \* 1 - Buffing Spur
- \* 1 - HVLP (High Volume Low Pressure) Compliant Paint Gun "EPA compliance letter to accompany"

- \* 1 - Air Chuck
- \* 1 - Tire Pressure Gauge
- \* 1 - Test Light
- \* 1 - Windshield Cold Knife
- \* 1 - Seam Buster

### Optional Tools

- \* 3/8" Drive Standard Impact Socket Sets (Deep & Shallow)
- \* 3/8" Drive Metric Impact Socket Sets (Deep & Shallow)
- \* 1/2" Drive Standard Impact Socket Sets (Deep & Shallow)
- \* 1/2" Drive Metric Impact Socket Sets (Deep & Shallow)
- \* 1/4" Air Ratchet
- \* 3/8" Air Ratchet
- \* 3/8" Drive Air Impact
- \* 1/2" Drive Air Impact
- \* 3/8" Air Drill
- \* 1/2" Air Drill
- \* 5" Air Grinder (Dart)
- \* Air File
- \* Air Cut-off Tool (wizzer)
- \* Long Barrel Air Chisel
- \* Electric Polisher
- \* Air Polisher
- \* 8" DA Sander (Hog)
- \* Cordless Drill
- \* Slide Hammer
- \* Reveal Molding Tool
- \* Pry Bar Set
- \* Long C-Clamp Type Locking Plier (Vise Grip #18R)
- \* Duck-Bill Locking Pliers (Vise Grip #8R)
- \* Body File Handle with Curved Tooth Body File Blade
- \* Bulls Eye Pick
- \* Fresh Air Respirator (Hood or Full Face Mask)
- \* Digital Multi Meter

\* May be purchased at the Campus Store.

