

Automotive Collision Repair and Refinish Technology - AAS

West Burlington Campus

rwachter@scciowa.edu

The Automotive Collision Repair and Refinish Technology Associate of Applied Science program combines state-of-the-art equipment with an Inter-Industry Conference on Auto Collision Repair (I-CAR) curriculum, equipping students with the technical and professional skills required to pursue a career in the ever-changing collision repair industry. I-CAR techniques and procedures are the industry standard for collision repair professionals. Students will gain hands-on technical experience in SCC's state-of-the-art lab facility. Students will use the latest tools and equipment to perform repair methods related to mechanical, electrical, refinishing, structural, non-structural and calibration.

Timothy Weaver
Assistant Professor - Auto Collision Repair
(319) 208-5111
tweaver@scciowa.edu

After successful completion of the first two semesters, students will earn the [Automotive Collision Repair and Refinish Diploma](#).

Students will complete an internship with an industry partner where the student will have the opportunity to apply the technical training and theory instruction in an automotive collision repair or related industry setting.

This program may equip students with numerous industry-recognized certifications including:

- I-CAR Pro-level 1, 2 and 3 Non-Structural Certification
- I-CAR Pro-Level 1,2 and 3 Refinishing
- I-CAR Pro-Level 1 Structural
- ASE Student Certifications
- S/P2 Lift Safety
- S/P2 Collision Repair and Refinish Safety
- S/P2 Collision Repair and Refinish Pollution Prevention
- National Emission Standards for Hazardous Air Pollutants (NESHAP)
- Other Manufacturer Specific Certifications

Please view the [technical standards](#) for this course.

For specific information regarding program rules and expectations, please view the [Automotive Program Handbook](#).

Instructor and Staff

Randy Wachter
Assistant Professor - Auto Collision Repair
(319) 208-5110

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Program Requirements

| Fall Semester I | | Credit |
|---------------------|---|--------|
| CRR-100 | Introduction to Collision Repair and Refinishing Industry | 2 |
| CRR-106 | Fundamentals of Collision Repair and Refinishing | 3 |
| CRR-112 | Disassembly and Reassembly | 3 |
| CRR-117 | Small Dent Repair | 3 |
| CRR-123 | Introduction to Automotive Refinish Operations | 3 |
| MAT-702 | Introduction to Math Applications | 3 |
| Semester Total..... | | 17 |

| Spring Semester I | | Credit |
|---------------------|--|--------|
| CRR-205 | Welding in Collision Repair | 4 |
| CRR-124 | Automotive Refinish Operations II | 5 |
| CRR-220 | Plastic Repair | 3 |
| CRR-455 | Automotive Glass Removal and Replacement | 2 |
| ENG-110 | Writing for the Workplace | 3 |
| Semester Total..... | | 17 |

| Summer Semester | | Credit |
|---------------------|------------------------|--------|
| ART-133 | Drawing | 3 |
| PHI-105 | Introduction to Ethics | 3 |
| Semester Total..... | | 6 |

| Fall Semester II | | Credit |
|---------------------|--|--------|
| CRR-505 | Structural Repair Operations | 5 |
| CRR-615 | Collision Repair of Mechanical Systems | 4 |
| CRR-775 | Collision Repair Diagnostics and Recalibration | 6 |
| SOC-114 | Conflict Resolution in the Workplace | 3 |
| Semester Total..... | | 18 |

| Spring Semester II | | Credit |
|---------------------|---|--------|
| CRR-755 | Damage Analysis and Estimating | 5 |
| CRR-855 | Automotive Refinish Operations III | 5 |
| CRR-865 | Advanced Automotive Refinish Operations | 5 |
| CRR-932 | Internship | 4 |
| Semester Total..... | | 19 |

Program Total..... 77