

COLLISION REPAIR TECHNOLOGY - ADVANCED TECHNICAL CERTIFICATE (ATC)

Explore More About This Program: <https://cwi.edu/program/collision-repair-technology>

Certificate Quick Facts

- **Instructional School:** Industry, Engineering, and Trades
- **Department:** Diesel, Automotive, and Powersports Technology
- **Program Code:** CRT.ATC
- **Program Type:** Career and Technical Education
- **Available Fully Online:** No
- **Eligible for Federal Financial Aid:** Yes

Certificate Requirements

Course	Course Title	Min Credits
General Education Requirements		
Complete one of the following recommended courses to fulfill the GEM 1 or GEM 2 requirement:		
Select one of the following: 3		
ENGL 101	Writing and Rhetoric I ¹	
COMM 101	Fundamentals of Oral Communication ^{1,2}	
Complete the following recommended course to fulfill the GEM 3 requirement:		
MATH 118 & 118L	Technical Math and Technical Math Lab ¹	3
Complete the following recommended course to fulfill the GEM 6 requirement:		
PSYC 140	Human Relations for Career and Personal Success ¹	3
Major Requirements		
CRT 115	Safety and Welding for Collision Repair	6
CRT 125	Basic Collision Repair	6
CRT 135	Estimating, Damage Analysis, and Structural Repair	6
CRT 145	Intermediate Collision Repair	6
CRT 215	Refinishing for Collision Repair	6
CRT 235	Advanced Collision Repair and Refinishing	6
CRT 260	Collision Repair Cooperative	12
Minimum Credit Hours Required		57

¹ The courses listed under the General Education Requirements section are recommended by the department as the most beneficial general education (GE) options for students in this program. **Please note that students may fulfill their GE requirements by completing another course from within the applicable general education category.**

² Students in this program must complete a 3-credit Oral Communication course in order to fulfill their GEM 2 requirement.

Plan of Study Guide

The course sequence listed below is strongly recommended in order to complete your program requirements. Many Career and Technical Education (CTE) courses have prerequisites and/or corequisites that have been accounted for within this Plan of Study Guide. Please register for each semester as shown using the Student Planning tool in myCWI. Consult your Student Success Advisor for any questions regarding this course sequence plan.

NOTE

Collision Repair Technology (CRT) majors are required to complete three general education courses in order to receive an Advanced Technical Certificate. Prior to beginning their CRT courses, students are strongly encouraged to complete ENGL 101 Writing and Rhetoric I, MATH 118 Technical Math, and MATH 118L Technical Math Lab. While it is recommended that students complete all three of their required general education courses during the spring and/or summer semester(s) prior to beginning the program, students may elect to take the additional required GEM courses during the summer semester between their first and second year in the program, if preferred. Students may also complete GEM courses during regular semesters while enrolled in CRT courses, if they feel capable of doing so, and can complete them in any order they prefer.

First Year

Summer	Credit Hours
Select one of the following: 3	
ENGL 101 Writing and Rhetoric I (Recommended GEM 1) ¹	
COMM 101 Fundamentals of Oral Communication (Recommended GEM 2) ^{1,2}	
MATH 118 & 118L Technical Math and Technical Math Lab (Recommended GEM 3) ¹	3
Total Semester Credit Hours 6	
Fall	
CRT 115 Safety and Welding for Collision Repair	6
CRT 125 Basic Collision Repair	6
Total Semester Credit Hours 12	
Spring	
CRT 135 Estimating, Damage Analysis, and Structural Repair	6
CRT 145 Intermediate Collision Repair	6
PSYC 140 Human Relations for Career and Personal Success (Recommended GEM 6) ¹	3
Total Semester Credit Hours 15	

Second Year

Fall	
CRT 215 Refinishing for Collision Repair	6
CRT 235 Advanced Collision Repair and Refinishing	6
Total Semester Credit Hours 12	

Spring

CRT 260	Collision Repair Cooperative	12
Total Semester Credit Hours		12
Minimum Credit Hours Required		57

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Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate the appropriate mastery of knowledge and skills that are identified by the Program Task List to become a successful entry-level collision repair/painter technician.
- Demonstrate the ability to identify, analyze, and solve technical problems associated with being a collision repair technician.
- Demonstrate knowledge and understanding of safety practices specifically related to collision repair/paint at CWI.
- Demonstrate proper work habits and ethics.
- Demonstrate the ability to communicate effectively.