AUTOMOTIVE COLLISION REPAIR
Engineering, Math and Physical Sciences Division, Room T302, (847) 543-2044
www.clcillinois.edu/programs/acr

The Automotive Collision Repair program offers an Associate in Applied Science degree and five certificates. These programs will provide students with the entry-level skills needed to enter the collision repair industry. The certificates allow students to specialize in one or more areas of collision repair and prepare students for employment in the automotive body repair and painting industry. The courses use the I-Car curriculum and students have the opportunity to earn I-Car course credit. The program is certified in all four areas by NATEF (National Automotive Technicians Education Foundation, Inc.). This is the highest level of certification that NATEF awards. NATEF was founded in 1983 as an independent, non-profit organization with a single mission: to evaluate technician training programs against standards developed by the automotive industry and recommend qualifying programs for certification (accreditation) by the National Institute for Automotive Service Excellence (ASE).

ACR Courses require basic hand tools and personal safety equipment.

AUTOMOTIVE COLLISION REPAIR: NON-STRUCTURAL REPAIR SPECIALTY TRACK

Degree: Associate in Applied Science, Automotive Collision Repair
Plan 24AN

To complete an A.A.S., students are strongly encouraged to meet with an Academic Success Advisor to identify coursework that will meet degree requirements.

FIRST SEMESTER 14
CLC 120 College Success Seminar [2]
ACR 110 Introduction to Automotive Collision Repair 3
ACR 112 Non-Structural Repair I 5
ACR 131 Automotive Refinishing I 3
MTH 114 Applied Math or MTH Elective (higher than MTH 114) 3

SECOND SEMESTER 14
ACR 115 Automotive Welding 5
ACR 119 Pointless Dent Removal 3
ACR 215 Automotive Detailing 3
ENG 120 Technical Composition or ENG 121 English Composition I 3

THIRD SEMESTER 16
ACR 138 Automotive Electrical Systems 5
ACR 212 Non-Structural Repair II 5
ACR 235 Damage Analysis/Shop Procedures Humanities and Fine Arts Elective (I/M) 3

FOURTH SEMESTER 16
ACR 137 Mechanical Systems 5
ACR 230 Structural Repair 5
CMM 111 Communication Skills or CMM 121 Fundamentals of Speech 3
Social Sciences Elective 3

Total Hours for A.A.S. Degree 60

^ The credit for CLC 120, College Success Seminar, is an institutional requirement for graduation. It is not part of the program requirements but must be completed with a D or better.

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# Automotive Collision Repair: Refinishing Technician Specialty Track

**Degree:** Associate in Applied Science, Automotive Collision Repair: Refinishing Technician Specialty Track  
**Plan:** 24AN

To complete an A.A.S., students are strongly encouraged to meet with an Academic Success Advisor to identify coursework that will meet degree requirements.

### First Semester  
**CLC 120** College Success Seminar [2]  
**ACR 110** Introduction to Automotive Collision Repair  3  
**ACR 112** Non-Structural Repair I  5  
**ACR 131** Automotive Refinishing I  3

### Second Semester  
**MTH 114** Applied Math or MTH Elective (higher than MTH 114)  3

### Third Semester  
**ACR 115** Automotive Welding  5  
**ACR 138** Automotive Electrical Systems  5  
**ENG 120** Technical Composition or Other Humanities and Fine Arts Elective  3

### Fourth Semester  
**ACR 234** Refinishing IV  3  
**ACR 235** Damage Analysis  3  
**CMM 111** Communication Skills or **CMM 121** Fundamentals of Speech  3  
**SOC 121** Introduction to Sociology or Social Sciences Elective  3

**Total Hours for A.A.S. Degree**  60

^ The credit for CLC 120, College Success Seminar, is an institutional requirement for graduation. It is not part of the program requirements but must be completed with a D or better.

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# Automotive Collision Repair (Certificate) Plan 24AE

The automotive collision repair certificate prepares students for employment as an entry level automotive collision technician. Coursework places a strong emphasis on the understanding of panel replacement, dent repair, plastic repair, and automotive welding. Students learn foundational repair theories and develop skills in panel replacement and alignment, dent repair, plastic repair, vehicle glass, and automotive welding. Upon completion of coursework students have the opportunity to earn I-CAR program certification.

### First Semester  
**CLC 120** College Success Seminar [2]  
**ACR 110** Introduction to Automotive Collision Repair  3

### Second Semester  
**ACR 112** Non-Structural Repair I  5  
**ACR 131** Automotive Refinishing I  3

### Third Semester  
**ACR 138** Automotive Electrical Systems  5  
**ACR 212** Non-Structural Repair II  5

**Total Hours for Certificate**  23

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# Automotive Damage Analysis (Certificate) Plan 24AK

The damage analysis certificate prepares students for employment as automotive damage estimator assistants. Coursework places a strong emphasis on the understanding of automotive collision repair damage analysis, damage estimates preparation, shop management and operations. Students learn to use various estimating software and to develop both written and computer generated damage analysis reports. Upon completion of coursework students have the opportunity to earn I-CAR program certification.

### First Semester  
**ACR 110** Introduction to Automotive Collision Repair  3  
**ACR 131** Automotive Refinishing I  3

### Second Semester  
**ACR 112** Non-Structural Repair I  5  
**ACR 235** Damage Analysis/Shop Procedures  3

**Total Hours for Certificate**  14

^ The credit for CLC 120, College Success Seminar, is an institutional requirement for graduation. It is not part of the program requirements but must be completed with a D or better.
MANUFACTURING, ENGINEERING, AND ADVANCED TECHNOLOGIES PROGRAMS

AUTOMOTIVE STRUCTURAL REPAIR TECHNICIAN (Certificate) Plan 24AL

The automotive structural repair certificate prepares students for employment as automotive structural technician assistants. Coursework places a strong emphasis on the understanding of automotive structural repair theories, reinforced while developing hands-on skills, needed to enter the collision repair industry. Students learn to disassemble and assemble vehicles exterior components, remove and install both stationary and movable glass, sheet metal dent repair including sectioning of vehicle panels, automotive welding, various vehicle measuring systems, and a working knowledge of vehicle mechanical systems. Upon completion of coursework students have the opportunity to earn I-CAR program certification.

FIRST SEMESTER
CLC 120  
College Success Seminar [2]
ACR 110  Introduction to Automotive Collision Repair 3

SECOND SEMESTER
ACR 112  Non-Structural Repair I 5
ACR 115  Automotive Welding 5

THIRD SEMESTER
ACR 137  Automotive Mechanical Systems 5
ACR 230  Structural Repair I 5

Total Hours for Certificate 23

^ The credit for CLC 120, College Success Seminar, is an institutional requirement for graduation. It is not part of the program requirements but must be completed with a D or better.

AUTOMOTIVE REFINISHING TECHNICIAN (Certificate) Plan 24AM

The automotive refinishing technician certificate prepares students for entry level employment as an automotive refinishing technician. Coursework places a strong emphasis on the understanding of automotive finishes, application techniques, and final surface preparation. Students will acquire the knowledge and skills necessary to prepare vehicles for the finishing process, the application of undercoat, topcoat, and tri-coat finishes, and repairs to vehicle finishes. Upon completion of coursework students have the opportunity to earn I-CAR program certification.

FIRST SEMESTER
CLC 120  College Success Seminar [2]
ACR 110  Introduction to Automotive Collision Repair 3
ACR 131  Automotive Refinishing I 3

SECOND SEMESTER
ACR 132  Automotive Refinishing II 5
ACR 215  Automotive Detailing 3

THIRD SEMESTER
ACR 133  Automotive Refinishing III 5

FOURTH SEMESTER
ACR 234  Refinishing IV- Custom Painting 3

Total Hours for Certificate 22

^ The credit for CLC 120, College Success Seminar, is an institutional requirement for graduation. It is not part of the program requirements but must be completed with a D or better.

AUTOMOTIVE COLLISION REPAIR ASSISTANT (Certificate) Plan 24AO

This certificate prepares students for employment as an automotive collision repair assistant. Coursework places a strong emphasis on the understanding on shop safety, removal and installation of bolted vehicle panels, automotive detailing, and damage estimating. Students will learn foundational collision repair theories while developing skills in the areas of dent repair, plastic repair, movable glass, panel removal and installation, preparation of vehicle for refinishing, and reading of damage estimates. Upon completion of coursework students have the opportunity to earn I-CAR program certification.

FIRST SEMESTER
CLC 120  College Success Seminar [2]
ACR 110  Introduction to Automotive Collision Repair 3

SECOND SEMESTER
ACR 112  Non-Structural Repair I 5
ACR 131  Automotive Refinishing I 3

THIRD SEMESTER
ACR 131  Automotive Refinishing I 3
ACR 233  Refinishing IV- Custom Painting 3

FOURTH SEMESTER
ACR 234  Refinishing IV- Custom Painting 3

Total Hours for Certificate 17

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For more information on recommended courses or program specific advising, contact faculty member Octavio Cavazos at (847) 543-2905 or the Engineering, Math and Physical Sciences division at (847) 543-2044.