



# AUTOMOTIVE COLLISION REPAIR



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### PROGRAM PURPOSE

NMCC's automotive collision repair program is the only collegiate program offered in northern New England. It is designed to provide broad fundamental training in the repair of collision damage, frame straightening, and the replacement of body panels. Welding, cutting and grinding, the use of plastic and fiberglass in preparation for the application of paint, and SMC panel and plastic parts repair are all included in the curriculum. The second year of the program provides more emphasis on major collision appraisal and repair as well as the auto body refinishing process. Emphasis is also placed on base coat, clear coat and tri-coat paint and electronic color matching.



The automotive collision repair program has achieved Master Level certification by the National Institute for Automotive Excellence (ASE) after a thorough evaluation.

**NMCC offers the only collegiate level automotive collision repair program in northern New England!**

### CAREER OPPORTUNITIES

Graduates will find job opportunities with:

- auto body and paint shops
- new and used car dealers
- auto glass shops and truck body builders.

With experience, advanced positions may be available in:

- supervision
- insurance adjusting
- sales and service
- self-employment
- auto product field representation



Sample courses include *Structural Analysis/Plastics, Painting and Refinishing, and Automotive Electricity.*

### APPLICATION PROCEDURE

The following procedures constitute the admissions process:

1. Submit an NMCC application along with a \$20 application fee.
2. Submit official high school transcript and/or HiSET/GED scores (current senior's transcript should include completed ranking period grades).
3. Official college transcripts for applicants who have attended other post-secondary schools.
4. If SAT scores are not available, placement testing may be required.
5. Individual interview required.
6. A campus tour is highly recommended.
7. Students must pass OSHA Respirator Fit Test prior to enrollment.

**Questions? Contact [admissions@nmcc.edu](mailto:admissions@nmcc.edu)**

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# AUTOMOTIVE COLLISION REPAIR

2020-2021 Curriculum

## Associate in Applied Science Degree Program

<u>First Semester</u>		C	L	CR
◆ ACR 111	Nonstructural Repairs	3	9	6
COL 103	College Success	1	0	1
ENG 111	English Composition	3	0	3
SAE 121	Industrial Safety	3	0	3
WEI 113	Thin Metals Welding	2	2	3
		12	11	16

<u>Second Semester</u>		C	L	CR
◆ ACR 121	Structural Analysis/Plastics	3	9	6
◆ AUT 115	Automotive Electricity	2	2	3
MAT 119	Applied Mathematics	4	0	4
WEI 133	Electric Welding	2	2	3
	Social Science Elective	3	0	3
		14	13	19

<u>Third Semester</u>		C	L	CR
◆ ACR 209	Auto Collision Blueprint & Est	3	0	3
◆ ACR 211	Painting & Refinishing	3	9	6
◆ AUT 125	Automotive Electronics	2	2	3
PHY 150	Physics	3	2	4
	Humanities Elective	3	0	3
		14	11	19

<u>Fourth Semester</u>		C	L	CR
◆ ACR 223	Structural Repairs	3	9	6
AUT 216	Motor Vehicle Inspection	2	0	2
◆ AUT 229	Auto Heating & Air Conditioning	2	2	3
COM 221	Technical Communications Elective	3	0	3
		13	11	17

**TOTAL REQUIRED** 71

## Certificate Program

<u>First Semester</u>		C	L	CR
◆ ACR 111	Nonstructural Repairs	3	9	6
ENG 111	English Composition	3	0	3
SAE 121	Industrial Safety	3	0	3
WEI 113	Thin Metals Welding	2	2	3
		11	11	15

<u>Second Semester</u>		C	L	CR
◆ ACR 121	Structural Analysis/Plastics	3	9	6
◆ AUT 115	Automotive Electricity	2	2	3
MAT 119	Applied Mathematics	4	0	4
WEI 133	Electric Welding	2	2	3
		11	13	16

**TOTAL REQUIRED** 31

Must have completed the Auto Collision Repair Certificate Program or permission of the instructor to enroll in this certificate program.

## Major Collision Repair and Refinishing Certificate Program

<u>First Semester</u>		C	L	CR
◆ ACR 209	Auto Collision Blueprint & Est	3	0	3
◆ ACR 211	Painting & Refinishing	3	9	6
◆ AUT 125	Automotive Electronics	3	0	3
ENG 111	English Composition	3	0	3
		12	9	15

<u>Second Semester</u>		C	L	CR
◆ ACR 223	Structural Repairs	3	9	6
AUT 216	Motor Vehicle Inspection	2	0	2
◆ AUT 229	Auto Heating & Air Conditioning	2	2	3
MAT 119	Applied Mathematics	4	0	4
		11	11	15

**TOTAL REQUIRED** 30

◆ Major courses; a minimum grade of "C" or 2.0 required.

Key: C= Class Hours, L= Lab Hours, CR= Credit Hours

NMCC is an equal opportunity/affirmative action institution and employer. For more information call 207-768-2791.

**207-768-2785**

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