

Collision Repair Technology

Collision Repair Technician Diploma

ADVISOR

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PROGRAM DETAILS

The collision repair industry offers variety and challenges. Each damaged vehicle presents a unique set of problems to overcome in restoring it back to its original appearance and structural integrity. Utilizing their extensive knowledge of modern automotive

construction and repair techniques, collision repair technicians develop a repair plan and apply the appropriate repair procedures for each job.

The Collision Repair program at Somerset Community College prepares students for entry level positions at various skill levels and training time durations. From repairing small dents to rebuilding the bodies of wrecked or damaged vehicles, this program maintains the current commercial standards.

Students are taught the types of materials used in filler compounds, the colors and chemical make-up of paints used to refinish, welding and cutting procedures, design and installation of trim, cost estimating and preparation for finish work. All are skills applied in actual jobs performed in shop assignments.

In this program, students are expected to continually develop manipulative skills combined with a strong work ethic. The importance of personal safety, quality of workmanship, productivity, and teamwork is also emphasized.



LOCATION

The Collision Repair Technology program is offered at SCC's Somerset Campus.

COLLISION REPAIR TECHNOLOGY CREDENTIALS:

CERTIFICATES:

- Automotive Painter* (38 credit hours)
- Automotive Painter Helper (14 credit hours)
- Collision Repair Helper (14 credit hours)

DIPLOMA:

- Collision Repair Technician*
(56-59 credit hours)

*A Federal Gainful Employment program

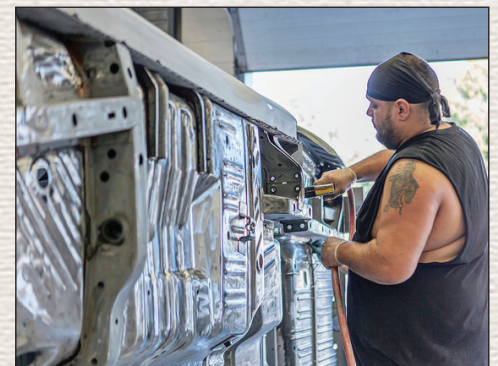
Learn more about it on SCC's website:
[somerset.kctcs.edu/Academics/Programs of Study/Collision Repair](http://somerset.kctcs.edu/Academics/Programs_of_Study/Collision_Repair)

OPPORTUNITIES:

What does the future hold? Demand for qualified collision repairers will increase as the number of vehicles in operation continues to grow. Recently released figures indicate more technicians are retiring or leaving the industry than there are new technicians beginning a career.

New automobile designs have body panels or components made of high strength, light-weight steel alloys. There is increased use of aluminum and plastics—materials that are more difficult to work with than are traditional steel body panels.

The introduction of advanced electronic systems and controls have opened a new opportunities for technicians with interests in these areas.



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REQUIRED COURSES

GENERAL EDUCATION REQUIREMENTS (6 HOURS)

		Credit	Grade
Area 1	Writing Communication/Oral Communications, or Humanities/Heritage	3	_____
Area 2	Social/Behavioral Sciences, Natural Sciences, or Quantitative Reasoning	3	_____

TECHNICAL COURSES REQUIRED (50-53 HOURS)

	Digital Literacy <u>OR</u> demonstrated competency	0-3	_____
CRT 100	Introduction to Collision Repair	2	_____
CRT 130	Non-structural Analysis and Damage Repair	6	_____
CRT 131	Non-structural Analysis and Damage Repair Lab	6	_____
CRT 150	Painting and Refinishing	6	_____
CRT 151	Painting and Refinishing Lab	6	_____
CRT 230	Structural Analysis and Damage Repair	6	_____
CRT 231	Structural Analysis and Damage Repair Lab	6	_____
CRT 250	Mechanical and Electrical Components	6	_____
CRT 251	Mechanical and Electrical Components Lab	6	_____

TOTAL HOURS FOR PROGRAM — 56 - 59

DEGREE OPTION COURSES (3 HOURS)

CRT 198	Practicum <u>OR</u>	1	_____
CRT 199	Cooperative Education	(1)	_____
CRT 298	Advanced Practicum <u>OR</u>	2	_____
CRT 299	Advanced Cooperative Education	(2)	_____

TOTAL HOURS FOR PROGRAM — 56 - 59

SEMESTER COURSE LISTING

Class (Alternative) Credit

SEMESTER ONE (14-17 HOURS)

CRT 100	(_____)	_____
CRT 130	(_____)	_____
CRT 131	(_____)	_____
Digital Literacy (if needed)		_____

SEMESTER TWO (15 HOURS)

CRT 150	(_____)	_____
CRT 151	(_____)	_____
Gen Ed Area 1	(_____)	_____

SEMESTER THREE (15 HOURS)

CRT 230	(_____)	_____
CRT 231	(_____)	_____
Gen Ed Area 2	(_____)	_____

SEMESTER FOUR (12 HOURS)

CRT 250	(_____)	_____
CRT 251	(_____)	_____

TOTAL HOURS FOR PROGRAM — 56 - 59

STUDENT _____ ID NO. _____ DATE _____

SIGNATURE _____ ADVISOR _____