

COLLISION TECHNOLOGY, ADVANCED CERTIFICATE



College(s): KK

Program Code: 0133

The Advanced Certificate program in Collision Technology provides the necessary foundation and practical experience to pursue entry-level positions in Automotive Collision that meet the changing demands of the automotive industry. Entry-level positions may be found in automotive dealerships, automotive franchises, independent service repair shops, auto part stores, or through self-employment. Students will learn the technical skills essential to employment in the field of auto body care, leading to employment in service, maintenance, and areas of technological specialty such as detailing, auto body paint and refinishing, as well as management occupations or self-employment. Students will also be able to consider transferring Industrial Engineering Technology credits to state universities.

Program Requirements

Code	Title	Hours
Required Program Core		
AUTOTEC 102	Introduction to Collision Technology	4
AUTOTEC 107	Automotive Body Welding	4
AUTOTEC 117	Auto Body Reconstruction I	3
AUTOTEC 118	Auto Body Repainting I	3
AUTOTEC 119	Automotive Body Detailing	5
AUTOTEC 121	Structural Analysis and Damage Repair I	4
AUTOTEC 122	Structural Analysis and Damage Repair II	4
AUTOTEC 217	Auto Body Reconstruction II	3
AUTOTEC 218	Auto Body Repainting II	3
AUTOTEC 220	Collision Estimating	4
AUTOTEC 223	Auto Body Repainting III	3
Total Hours		40

Pathway

This is an **example course sequence** for students interested in earning an Advanced Certificate in Collision Technology. It does not represent a contract, nor does it guarantee course availability. If this pathway is followed as outlined, you will earn an Advanced Certificate.

Semester-by-Semester Program Plan for Full-Time Students

All plans can be modified to fit the needs of part-time students by adding more semesters.

Semester 1		Hours
AUTOTEC 102	Introduction to Collision Technology	4
AUTOTEC 107	Automotive Body Welding	4
AUTOTEC 117	Auto Body Reconstruction I	3
AUTOTEC 217	Auto Body Reconstruction II	3
Hours		14
Semester 2		Hours
AUTOTEC 121	Structural Analysis and Damage Repair I	4
AUTOTEC 122	Structural Analysis and Damage Repair II	4
AUTOTEC 220	Collision Estimating	4
Hours		12
Semester 3		Hours
AUTOTEC 118	Auto Body Repainting I	3
AUTOTEC 218	Auto Body Repainting II	3
AUTOTEC 223	Auto Body Repainting III	3
AUTOTEC 119	Automotive Body Detailing	5
Hours		14
Total Hours		40

Choose your courses with your College Advisor.

Careers

This program can prepare students for the jobs listed below. Click on each one to learn more, including average earnings, annual job openings, and how much education people in that field have. For additional

guidance and resources on career options, current City Colleges students and alumni can contact the Career Services Office (<https://www.ccc.edu/departments/Pages/Career-Services.aspx>).

Automotive Body and Related Repairers

Job Description

Repair and refinish automotive vehicle bodies and straighten vehicle frames.

Salary Based on Experience Level

Take a look at the average hourly/annual earnings for this career in Cook County

Lightcast earnings figures are based on OES data from the BLS and include base rate, cost of living allowances, guaranteed pay, hazardous-duty pay, incentive pay (including commissions and bonuses), on-call pay, and tips.

Annual Wages

Entry-Level 10 th Percentile	\$33,624
Median 50 th Percentile	\$49,120
Senior-Level 90 th Percentile	\$82,509

Hourly Wages

Entry-Level 10 th Percentile	\$16
Median 50 th Percentile	\$24
Senior-Level 90 th Percentile	\$40

Annual Job Openings

200 annual openings in Cook County

National Education Attainment

Here, you can see the level of education that people in this career complete.

Degree Program	% of Jobs
A high school diploma or less	65.34%
A certificate	34.65%
Some college	0.00%
An Associate degree	0.00%
A Bachelor's degree	0.00%
A Master's or Professional degree	0.00%
A Doctoral degree or more	0.00%

0.00% continue their education beyond an associate degree

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Automotive Glass Installers and Repairers

Job Description

Replace or repair broken windshields and window glass in motor vehicles.

Salary Based on Experience Level

Take a look at the average hourly/annual earnings for this career in Cook County

Lightcast earnings figures are based on OES data from the BLS and include base rate, cost of living allowances, guaranteed pay, hazardous-duty pay, incentive pay (including commissions and bonuses), on-call pay, and tips.

Annual Wages

Entry-Level 10 th Percentile	\$23,847
Median 50 th Percentile	\$42,512
Senior-Level 90 th Percentile	\$74,747

Hourly Wages

Entry-Level 10 th Percentile	\$11
Median 50 th Percentile	\$20
Senior-Level 90 th Percentile	\$36

Annual Job Openings

6 annual openings in Cook County

National Education Attainment

Here, you can see the level of education that people in this career complete.

Degree Program	% of Jobs
A high school diploma or less	98.62%
A certificate	1.37%
Some college	0.00%
An Associate degree	0.00%
A Bachelor's degree	0.00%
A Master's or Professional degree	0.00%
A Doctoral degree or more	0.00%

0.00% continue their education beyond an associate degree