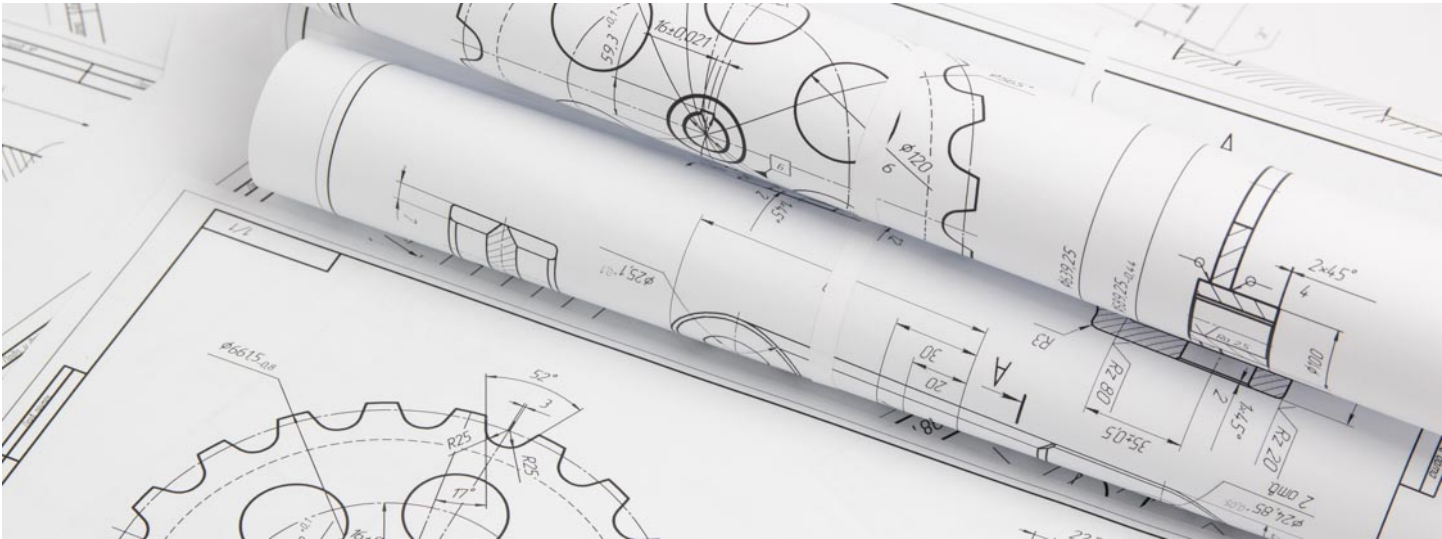# COMPUTER-AIDED DRAFTING (CAD) TECHNOLOGY, BASIC CERTIFICATE

College(s): TR

Program Code: 0139

Computer-Aided Drafting (CAD) Technology, Basic Certificate

Program Requirements

Code	Title	Hours
Required Program Core		
CAD TEC 130	CAD Technology I	3
CAD TEC 170	CAD Technology II	3
CAD TEC 171	CAD Technology III	3
CAD TEC 172	CAD Technology IV	3
Select one of the following:		4
MATH 140	College Algebra	
COOP EX 208	Engineering & Industrial Technologies CWE (Cooperative Work Experience)	
Total Hours		16

Pathway

This is an **example course sequence** for students interested in earning a degree in Computer-Aided Design (CAD) Technology. It does not represent a contract, nor does it guarantee course availability. If this pathway is followed as outlined, you will earn a Basic Certificate (BC) in CAD Technology.

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
CAD TEC 130	CAD Technology I	3
MATH 140 or COOP EX 208	College Algebra or Engineering & Industrial Technologies CWE	4
	Hours	7
Semester 2		
CAD TEC 170	CAD Technology II	3
	Hours	3
Semester 3		
CAD TEC 171	CAD Technology III	3
	Hours	3
Semester 4		
CAD TEC 172	CAD Technology IV	3
	Hours	3
	Total Hours	16

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).

Architectural and Civil Drafters

Job Description

Prepare detailed drawings of architectural and structural features of buildings or drawings and topographical relief maps used in civil engineering projects, such as highways, bridges, and public works. Use knowledge of building materials, engineering practices, and mathematics to complete drawings.

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 10th Percentile	$39,627
Median 50th Percentile	$61,670
Senior-Level 90th Percentile	$96,805

Hourly Wages

Entry-Level 10th Percentile	$19
Median 50th Percentile	$30
Senior-Level 90th Percentile	$47

Annual Job Openings

148 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	0.41%
A certificate	0.91%
Some college	0.41%
An Associate degree	17.85%
A Bachelor's degree	54.59%
A Master's or Professional degree	25.84%
A Doctoral degree or more	0.00%

80.43% continue their education beyond an associate degree