



## Computer Aided Drafting & Design Associate of Applied Science

**The CADD Program** offers a 60 credit balanced course of study in drafting and design with state-of-the-art software, computers, and input/output devices.

The CADD Engineering Technology Certificate Program offers a 16 credit course work that provides students the opportunity to master the conceptual and technical skills needed to become engineering and architectural drafters.

- Use CADD to prepare architectural & facility management drawings
- Identify drawing tools necessary to construct designs with speed & accuracy
- Produce civil & mechanical engineering drawings
- Prepare research on CADD applications
- Solve CADD drawing exercises
- Prepare a project on real-world design problems

### **Endless Career Options**

Students are prepared to work as CADD associates, providing the vital link between engineers and architects and detail drafters and manufacturers. Emphasis is on engineering drawing, architectural drawing, engineering design, and realistic 3D modeling.

**LEARN MORE AT**  
[bcc.edu/cadd](http://bcc.edu/cadd)



## Computer Aided Drafting & Design Associate of Applied Science

60 credit hours

BCCC'S ADVANTAGE CAREER OPTIONS

- CADD Designer
  - CADD Drafter
  - AutoCAD Drafter
  - Mechanical Drafter
  - Technical Illustrator
  - AutoCAD Drafter
  - Civil Engineering Drafter
  - CADD Systems Engineer
- Small class size
  - Virtual & remote learning
  - Majority of graduates transfer to a bachelor's degree program or find job placements

## APPLY TODAY

[bccc.edu/apply](http://bccc.edu/apply)

### SUGGESTED SEQUENCE OF COURSES

	Credits	Course No.
<b>Program Prerequisites</b>		
Intensive Program Writing	4	RENG 90
Composition Skills I	4	RENG 91
Composition Skills II	4	RENG 92
Arithmetic	3	MAT 80
Integrated Pre-Algebra & Intro Algebra	5	MAT 86
Integrated Elem. & Intermed. Algebra	5	MAT 87
<b>1st Semester</b>		
Prep. for Academic Achievement	1	PRE 100
Introduction to CADD	3	CADD 101
CADD Applications	3	CADD 111
Fund. of Speech Communications	3	SP 101
Gen. Ed. Req.: Social & Behavioral Sciences	3	SBS ELEC
<b>2nd Semester</b>		
Intermediate CADD	3	CADD 105
CADD Architectural Apps I	3	CADD 112
CADD 3D Modeling	3	CADD 140
English Writing	3	ENG 101
Biological & Physical Sciences w/lab	4	BPS ELEC
<b>3rd Semester</b>		
Pre-Calculus College Algebra	4	MAT 128
Technical Graphics	3	CADD 151
Geographic Information Systems Applications	3	CADD 200
CADD Engineering Drawing I	3	CADD 205
Gen. Ed. Req.: Social & Behavioral Sciences	3	SBS ELEC
<b>4th Semester</b>		
CADD Engineering Drawing II	3	CADD 206
CADD Mechanical Applications	3	CADD 208
CADD Civil Applications	3	CADD 211
CADD Architectural Applications II	3	CADD 222
Cooperative Education	1	COP 100
Health & Life Fitness	2	HLF ELEC