

BCCC

Baltimore City Community College



COMPUTER-AIDED DRAFTING AND DESIGN (CADD), AAS

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

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 and architectural drawing, engineering design, and realistic 3D modeling.

Learn more at
bccc.edu/cadd

COMPUTER-AIDED DRAFTING AND DESIGN (CADD), AAS

60 credit hours

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CAREER OPTIONS

- CADD Designer
- CADD Drafter
- AutoCAD Drafter
- Mechanical Drafter
- Technical Illustrator
- Civil Engineering Drafter
- CADD Systems Engineer
- CADD Operator
- Architectural Drafter

BCCC'S ADVANTAGE

- Small class size
- Virtual & remote learning
- 100% stackable Certificate to the CADD AAS Degree
- Majority of graduates transfer to a bachelor's degree program or find job placements

APPLY TODAY
bccc.edu/apply

SUGGESTED SEQUENCE OF COURSES

Every degree-seeking student must complete the College's General Education Requirements in addition to the requirements of his/her academic program. Through the College's General Education Requirements, students acquire basic knowledge of the disciplines in the areas of arts and humanities, social and behavioral sciences, biological and physical sciences, mathematics, English composition, and computer literacy.

1ST SEMESTER	CREDITS	COURSE #
Preparation for Academic Achievement	1	PRE 100
Introduction to CADD	3	CAD 101
CADD Applications	3	CAD 111
Fundamentals of Speech Communication	3	SPE 101
Social & Behavioral Sciences	3	GEN ED REQ
	13 Credits	

2ND SEMESTER	CREDITS	COURSE #
Intermediate CADD	3	CAD 105
CADD Architectural Apps I	3	CAD 112
CADD 3D Modeling	3	CAD 140
English Writing	3	ENG 101
Precalculus I: College Algebra	4	MAT 128
	16 Credits	

3RD SEMESTER	CREDITS	COURSE #
Biological and Physical Sciences with Lab	4	GEN ED REQ
Technical Graphics	3	CAD 151
Geographic Information Systems Applications	3	CAD 200
CADD Engineering Drawing I	3	CAD 205
CADD Engineering Drawing II	3	CAD 206
	16 Credits	

4TH SEMESTER	CREDITS	COURSE #
CADD Mechanical Applications	3	CAD 208
CADD Civil Applications	3	CAD 211
CADD Architectural Applications II	3	CAD 222
Cooperative Education	1	COP 100
Health & Life Fitness	2	HLF ELEC
Social and Behavioral Sciences	3	SBS ELEC
	15 Credits	