

# Computer Aided Drafting Certificate

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This certificate makes it possible for those students who already have a drafting or engineering degree, or those who have sufficient work experience, to obtain certification in CAD.

## Suggested/Sample Course Sequence

The sequence taken by the student may vary depending on prerequisites, course availability, and personal/professional responsibilities.

(Major Code 4800; State CIP Code 15.1302)

- Computer Aided Drafting and Design (<http://www.jccc.edu/academics/arts-design/computer-aided-drafting>)

## Prerequisite for Required Course

DRAF 120	Introduction to Drafting	2
DRAF 135	Graphic Analysis*	3
Select one of the following		5
DRAF 129 & DRAF 238	Interpreting Architectural Drawings and Architectural Design and Drafting*	
DRAF 123 & DRAF 222	Interpreting Machine Drawings* and Mechanical Design and Drafting*	

## First Semester

DRAF 130	Introduction to CAD Concepts - AutoCAD*	3
<b>Total Hours</b>		<b>3</b>

## Second Semester

DRAF 230	Intermediate CAD: AutoCAD*	3
DRAF 143 or DRAF 145	Introduction to BIM Building Information Modeling* Introduction to Parametric Design: Inventor*	2
<b>Total Hours</b>		<b>5</b>

## Third Semester

DRAF 243 or DRAF 245	Advanced BIM: Revit* Advanced Parametric Design: Inventor*	2
<b>Total Hours</b>		<b>2</b>

**Total Program Hours: 10**