



## ROXBURY COMMUNITY COLLEGE

ENROLLMENT CENTER

1234 Columbus Avenue, Roxbury, MA 02120 • Room 102

Admissions: (617) 541-5310 • Registrars: (617) 541-5320

Fax: (617) 427-5316

# Engineering Design-AutoCAD Certificate

[www.rcc.mass.edu](http://www.rcc.mass.edu)

This certificate program provides the basic fundamentals in the rapidly expanding field of computer-aided design (CAD). It is intense yet, prepares students for rewarding careers in engineering design: architectural and mechanical, drafting and CAD operators, It is especially useful for individuals currently working or looking for entry-level positions within the manufacturing engineering field. Students enrolled in this certificate program get hands-on computer training using the latest AutoCAD software as well as some of the most up-to-date computer equipment in the industry.

For information about this program, call the Division of Math, Science and Technology, room 401, Academic Building or call 617-427-0060 ext. 5219, or 617-541-5317.

# Engineering Design-AutoCAD

## Certificate

### *Courses included in Engineering Design - AutoCAD Certificate*

ENG101	English Composition I	3
TEC121	Introduction to Engineering Design I	4
TEC130	Architectural and Civil Drafting	4
TEC122	Engineering Design II	4
MAT (elective)	100 level or higher *	3
TEC230	Advanced Architectural Design	4
TEC260	Engineering Design Project Management	4
	<i>Credits</i>	26

### **Semester 1**

English Composition I	3
Intro to Engineering Design I	4
Architectural and Civil Drafting	4

*Credits* 11

### **Semester 2**

Engineering Design II	4
100 level or higher *	3

*Credits* 7

### **Semester 3**

Advanced Architectural Design	4
Engineering Design Project Mgt	4

*Credits* 8

\* Precalculus (Department Recommended)