

## ENGINEERING TECHNOLOGY

Puzzling over which course to take?

Orientation: Engineering Technology (ETECH)

Wednesday, February 1, 2012, 5:30PM-6:15PM, Room 715

ETECH faculty will review the Schedule of Classes and advise students in regard to individual courses as well as certificate and degree programs. In addition, placement statistics and typical ETECH occupations will be discussed.

For more information see [www.cabrillo.edu/academics/etech/](http://www.cabrillo.edu/academics/etech/)

### ETECH 24 Introduction to AutoCAD

Introduces the fundamental operating principles of AutoCAD drafting/design software. Uses AutoCAD for Windows to create and revise two-dimensional drawings. Recommended Preparation: CABT 106. Repeatability: May be taken 4 times.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
74781	M	06:00PM-10:05PM	3.00	G.Marcoccia	715
&	Arr.	Arr.		G.Marcoccia	1400

+ 2 hr 5 min arranged per week in the Computer Technology Center.

### ETECH 41 Advanced AutoCAD

Presents a second level AutoCAD and first level mechanical drafting course. Prerequisite: ETECH 24 or equivalent skills. Repeatability: May be taken 2 times.

Transfer Credit: CSU.

Section	Days	Times	Units	Instructor	Room
75640	T	06:00PM-10:05PM	3.00	G.Polubinsky	LRC1097
&	Arr.	Arr.		G.Marcoccia	1400

+ 2 hr 5 min arranged per week in the Computer Technology Center.

### ETECH 62 Architecture III

Covers intermediate topics in AutoCAD-based architectural drafting techniques/practices, including wood construction methods/processes, preparation of construction documents, site plans, floor plans, sections, elevations, and specifications. Prerequisite: ETECH 24 or equivalent skills.

Transfer Credit: CSU.

Section	Days	Times	Units	Instructor	Room
75641	W	06:00PM-10:05PM	3.00	W.Fisher	715
&	Arr.	Arr.		B.Durland	1400

+ 2 hr 5 min arranged per week in the Computer Technology Center.

### ETECH 71 ArchiCAD and Sustainable Design Strategies I

Introduces the use of ArchiCAD, a BIM (Building Information Modeling) software program. Instruction is focused on the basic concepts and tools needed to create a 3D virtual architectural model. Recommended Preparation: CABT 106 or equivalent skills. Repeatability: May be taken 3 times.

Transfer Credit: CSU.

Section	Days	Times	Units	Instructor	Room
74784	T	06:00PM-10:05PM	3.00	D.Diego	715
&	Arr.	Arr.		G.Marcoccia	1400

+ 2 hr 5 min arranged per week in the Computer Technology Center.

### ETECH 130 Introduction to Pro/Engineer

Covers an introduction to the fundamental operating principles of Pro/Engineer software. Repeatability: May be taken 3 times.

Section	Days	Times	Units	Instructor	Room
74779	M	06:00PM-10:05PM	3.00	G.Schultheis	LRC1097
&	Arr.	Arr.		G.Marcoccia	1400

+ 2 hr 5 min arranged per week in the Computer Technology Center.

### ETECH 140 Introduction to Maya

Introduces Maya, a popular 3D animation software used in the creation of animated organic, mechanical and architectural designs. Repeatability: May be taken 3 times.

Section	Days	Times	Units	Instructor	Room
74780	TH	06:00PM-10:05PM	3.00	T.Hawkins	LRC1097
&	Arr.	Arr.		G.Marcoccia	1400

+ 2 hr 5 min arranged per week in the Computer Technology Center.