

ENGINEERING

Thinking about a Career in Engineering?

Orientation: Engineering

Tuesday, February 2, 2010, 6:00PM-8:00PM, Room 715

Find out about Cabrillo's engineering program. The engineering faculty will review the engineering program courses and advise you on which classes to take.

For more information about the engineering program:

www.cabrillo.edu/academics/engineering/ or call (831) 479-6497.

ENGR 5 Engineering as a Profession

Provides information to evaluate the engineering profession as a personal career choice. Recommended Preparation: Eligibility for ENGL 1A/1AH/1AMC/1AMCH.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
65678	T	03:45PM-05:50PM	2.00	J.Panzardi	Wat4520
&	Arr.	Arr.		M.Nogueira	Wat4510

+ 50 min arranged per week in Watsonville Computer Technology Center.

65679	TH	03:45PM-05:50PM	2.00	J.Panzardi	715
&	Arr.	Arr.		B.Durland	1400

+ 50 min arranged per week in Computer Technology Center.

ENGR 15 Circuits

Analyzes the behavior of currents and voltages in electrical circuits containing resistive, capacitive, inductive passive elements, along with op-amps interconnected to voltage and current sources. Spring semester only. Prerequisite: PHYS 4B, MATH 7 (may be taken concurrently). Recommended Preparation: Eligibility for 1A/1AMC/1AH/1AMCH.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
65674	MW	09:30AM-10:50AM	4.00	C.Figueroa	715
&	F	08:00AM-11:05AM		C.Figueroa	830
&	Arr.	Arr.		C.Figueroa	835
&	Arr.	Arr.		B.Durland	1400

+ 1 hr 5 min arranged per week in Computer Technology Center and + 1 hr 5 min arranged per week in Physics/Engineering Learning Center.

ENGR 25 Graphics and Design

Applies principles of engineering drawing in visually communicating engineering designs using freehand sketching, instrument drawing, and computer-aided drafting/design using AutoCAD. Prerequisite: MATH 4. Recommended Preparation: Eligibility for ENGL 1A/1AH/1AMC/1AMCH.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
65675	MW	02:30PM-05:20PM	4.00	K.Groppi	715
&	Arr.	Arr.		K.Groppi	1400

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

ENGR 26 Solid Modeling

Applies principles of solid modeling using Pro/Engineer in engineering design and the production of engineering drawings. Spring semester only. Prerequisite: ENGR 25. Recommended Preparation: Eligibility for ENGL 1A/1AMC/1AH/1AMCH.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
65676	M	06:00PM-09:05PM	1.00	R.Hines	1097
&	Arr.	Arr.		J.Panzardi	1400

+ 2 hr arranged per week in Computer Technology Center.

ENGR 35 Statics

Analyzes two- and three-dimensional force systems on rigid bodies in static equilibrium. Spring semester only. Prerequisite: PHYS 4A; MATH 5C (may be taken concurrently). Recommended Preparation: ENGR 25; Eligibility for ENGL 1A/1AMC/1AH/1AMCH.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
65677	TTH	09:30AM-10:50AM	3.00	J.Panzardi	715
&	Arr.	Arr.		J.Panzardi	835
&	Arr.	Arr.		B.Durland	1400

+ 1 hr 5 min arranged per week in Computer Technology Center and + 1 hr 5 min arranged per week in Physics/Engineering Learning Center.

Ⓞ/Ⓟ indicate open entry classes—open through the 12th week of instruction ◀ indicate writing factor classes; Ⓜ Honors classes;

🌐 indicate multicultural classes; 🌱 indicate health and wellness classes 📺 some sections of this course are taught in a distance education format.