



CSU FRESNO ENGINEERING 2011-2012 Preparation Guide

<i>REEDLEY COURSE</i>	<i>CIVIL</i>	<i>COMPUTER</i>	<i>ELECTRICAL</i>	<i>GEOMATICS</i>	<i>MECHANICAL</i>
BIOL 3 (INTRO TO LIFE SCIENCE)		X	X		
CHEM 3A (INTRO GEN CHEM)	X	X	X	X	CHEM 1A
CSCI 40/ENGR 40 (PROGRAMMING)	ENGR 40	X	X		X
CSCI 41 (PROGRAMMING)		X			
ECON 1A or 1B (MACRO OR MICRO)		X	X		
ENGR 1 (ENG PROF) or ENGR 10 (INTRO TO ENGINEERING)					X
ENGR 2 (ENGINEERING GRAPHICS)	X				X
ENGR 4 (MATERIALS)			X		X
ENGR 6 (ELECTRIC CIRCUIT ANALYSIS WITH LAB)	(by petition)	X	X		(by petition)
ENGR 8 (STATICS)	X		X		X
GEOL 1 (PHYSICAL GEOL)	X			X	
GEOG 10 (INTRO TO GIS)				X	
MATH 5A (CALC I)	X	X	X	X	X
MATH 5B (CALC II)	X	X	X	X	X
MATH 6 (CALC III)	X	X	X	X	X
MATH 7 (DIFFERENTIAL EQUATIONS AND LINEAR ALGEBRA)	X	X	X		X
PHIL 1 (INTRO)	X	X	X	X	
PHIL 1C (ETHICS) or PHIL 1CH (HONORS ETHICS)					X
PHYS 4A (PHYSICS)	X	X	X	X	X
PHYS 4B (PHYSICS)	X	X	X	X	X
PHYS 4C (PHYSICS)		X	X		X

Notes: Courses in mathematics, the physical sciences, or engineering taken CR/NC will NOT be counted toward fulfillment of degree requirements in Engineering.

The Industrial Engineering Program is suspended as of Fall 2004.

This Engineering Prep Guide is specific to the described engineering majors at CSU Fresno. If additional institutions or majors are being considered make an appointment with a Counselor: (559) 638-0337 for Reedley College, (559) 325-5230 for Willow International Center, (559) 675-4800 for Madera Center, and (559) 683-3940 for Oakhurst or with an Engineering Advisor: John Heathcote at Reedley College (559) 638-3641, or Chris Glaves at Willow International Center (559) 325-5274.

CSU Fresno exempts Engineering majors from the CSU GE Areas A3: Critical Thinking, the third course requirement in Area C: Arts/Humanities, and Area E: Lifelong Understanding.

There are individual major sheets available for each of these specific engineering disciplines in the Reedley College Transfer Center and online at www.reedleycollege.edu.