



## CSU FRESNO ENGINEERING 2012-2013 Preparation Guide

<b>REEDLEY COURSE</b>	<b>CIVIL</b>	<b>COMPUTER</b>	<b>ELECTRICAL</b>	<b>GEOMATICS</b>	<b>MECHANICAL</b>
BIOL 3 (INTRO TO LIFE SCIENCE)		X	X		
CHEM 3A (INTRO GEN CHEM)	X	X	X	X	CHEM 1A
CSCI 40/ENGR 40 (PROGRAMMING)		*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
NR 17 (INTRODUCTION TO FOREST SURVEYING)	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

See Notes on reverse.

Notes: \* Pending articulation approval.

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

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 Center, or with an Engineering Faculty Advisor: John Heathcote at Reedley College (559) 638-3641 ext. 3215 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](http://www.reedleycollege.edu).

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