

## CSU FRESNO ENGINEERING

## 2009-2010 Preparation Guide

| REEDLEY COURSE                                | CIVIL         | COMPUTER | ELECTRICAL | GEOMATICS | MECHANICAL |
|---|---------------|----------|------------|-----------|------------|
| BIOL 3 (INTRO TO LIFE SCIENCE)                |               | Х        | Х          |           |            |
| CHEM 3A (INTRO GEN CHEM)                      | Х             | Х        | Х          | Х         | CHEM 1A    |
| CSCI 40/ENGR 40 (PROGRAMMING)                 | ENGR 40       | Х        | Х          |           | Х          |
| CSCI 41 (PROGRAMMING)                         |               | X        |            |           |            |
| ECON 1A or 1B (MACRO OR MICRO)                |               | Х        | Х          |           |            |
| ENGR 1 (ENG PROF)                             |               |          |            |           | Х          |
| ENGR 2 (GRAPHICS)                             | Х             |          |            |           | Х          |
| ENGR 4 (MATERIALS)                            |               |          |            |           | Х          |
| ENGR 6 (CIRCUITS)                             | (by petition) | Х        | Х          |           |            |
| ENGR 8 (STATICS)                              | Х             |          |            |           | Х          |
| GEOL 1 (PHYSICAL GEOL)                        | Х             |          |            | Х         |            |
| GEOG 10 (INTRO TO GIS) (pending articulation) |               |          |            | Х         |            |
| MATH 5A (CALC I)                              | Х             | Х        | Х          | Х         | Х          |
| MATH 5B (CALC II)                             | Х             | Х        | Х          | Х         | Х          |
| MATH 6 (CALC III) (pending articulation)      | Х             | Х        | Х          | Х         | Х          |
| MATH 7 (DIFF EQUAT)                           | Х             | Х        | Х          |           | Х          |
| PHIL 1 (INTRO)                                | Х             | Х        | Х          | Х         |            |
| PHIL 1C (ETHICS)                              |               |          |            |           | Х          |
| PHYS 4A (PHYSICS)                             | Х             | Х        | Х          | Х         | Х          |
| PHYS 4B (PHYSICS)                             | Х             | Х        | Х          | Х         | Х          |
| PHYS 4C (PHYSICS)                             |               | Х        | Х          |           | Х          |

Notes: The Industrial Engineering Program is suspended as of Fall 2004.

For more information make an appointment with a Counselor (559) 638-0337 or with an Engineering Faculty Advisor, John Heathcote at Reedley College (559) 638-3641 or Chris Glaves at the Clovis Center (559) 323-4595 ext. 6474.

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 <u>www.reedleycollege.edu</u>.