ENGR-1020
Intro to Engineering and Technology (3 cr.)
Course Syllabus
Fall 2016

Text: Stefan,E.A, et al, *Thinking Like An Engineer, 3rd Edition*, Pearson, 2015.
Time: Mon 8-12; Thu 8-12 am
Place: KC-Room 0076
Instr.: Professor Jody Robinson, KC-2180
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Email: jsrobinson@ccri.edu (ENGR1020 *day* in SUBJ:)

Description:

This course introduces students to various tools and problem-solving skills common to most fields of engineering and technology. It emphasizes developing both individual critical thinking and collaborative problem solving skills, essential in today's world of technology. Students learn the basics of the engineering design process of product design, testing and evaluation. In teams, students apply this process to complete a project that involves practical problem-solving, computer simulation and product development. To assist in the project analysis, documentation and presentation, students develop skills with spreadsheets, word processing and presentation software.. *(Prerequisite: MATH 0600 or equivalent) Lecture: 2 hours Lab: 2 hours*

Evaluation:

Participation (5 pts per class)	75
Homework (5-10 pts per assignment)	200
Quizzes (10 pts per quiz)	100
Project (100 pts)	100
Midterm (100 pts)	100
Final (125 pts)	125

Participation includes homework, attendance, and class involvement. Students should be prepared at the start of each class for a quiz covering basic topics reviewed in the previous class. The total points above (700) are target. Each semester and each section varies. In general students earn between 600 and 700 points in a semester. Your final grade is determined by taking total points earned divided by total points possible.

No phones in class, bring calculator to every class, more than 2 class absences is an automatic full letter grade reduction per department policy.