

## CUMBERLAND COUNTY COLLEGE

Course: EG 211 Intro to Engineering II

Credits: 1 (1:1:0)

Prerequisite: MA120 or MA121

Description: EG-211 is the continuation of “Introduction to Engineering I” course (EG-101) in which advanced methods in data and statistical analysis will be used to produce legible and concise written reports in some basic engineering case studies. A required final oral presentation will complement the course requirement.

### Learning Outcomes:

At the completion of this course, students will be able to:

- Advanced methods to analyze experimental data
- Author a legible and concise written reports
- Develop and construct a professional presentation for a case study
- Make an oral presentation of the case study project.

### Topical Outline:

- Statistical Analysis
- Distribution functions
- Engineering economics
- Engineering Case Studies
- Computer Presentation platforms
- Public speaking

### Text:

Engineering Fundamentals and Problem Solving, Eide, Jenison, Mashaw and Northup,  
McGraw Hill Publications

### Student Assessment:

Student evaluation in the subject will be based on two exams, written reports, and oral presentation as follows:

Mid-semester exam	25%
Final Exam	25%
Written reports	25%
Oral Presentation	25%

### Academic Integrity:

Plagiarism is cheating. Plagiarism is presenting in written work, in public speaking, and in oral reports the ideas or exact words of someone else without proper documentation.

Whether the act of plagiarism is deliberate or accidental [ignorance of the proper rules for handling material is no excuse], plagiarism is, indeed, a “criminal” offense. As such, a plagiarized paper or report automatically receives a grade of **ZERO** and the student may receive a grade of **F** for the semester at the discretion of the instructor.

### Tutoring & Project Assist:

If you are having difficulty with work in this class tutoring is available through the Center for Academic & Student Success. If you think that you might have a learning disability, contact Project Assist at 856.691.8600 x 1282 for information on assistance that can be provided to eligible students.

### **Before Withdrawing From This Course:**

If a student experiences adverse circumstances while enrolled in this course and considers withdrawing, s/he should see an advisor (division or advisement center) BEFORE withdrawing from the class. A withdrawal may cause harmful repercussions to completion rate standards and overall GPA which can limit or eliminate future financial aid in addition to causing academic suspension.