

University of Arkansas - Fort Smith
5210 Grand Avenue
P. O. Box 3649
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General Syllabus

GNEG 11101 Introduction to Engineering I

Credit Hours: 1

Lecture Hours: 1

Laboratory Hours: 1

Effective Catalog: 2018-2019

I. Course Information

A. Catalog Description

Introduction of the engineering profession to first-year students, emphasizing the professional and relevant computer skills.

B. Additional Information - None

II. Student Learning Outcomes

A. Subject Matter

Upon successful completion of this course, the student will be able to:

1. Submit a professional resume for employment.
2. Work in a team environment to achieve a goal.
3. Design a spreadsheet to perform basic calculations.
4. Write a simple computer program.
5. Give a short presentation about careers in engineering.

B. University Learning Outcomes

This course enhances student abilities in the following area:

Communication Skills (Written and Oral)

Students will demonstrate written and oral communication skills through preparing a resume and participating in interviews.

III. Major Course Topics

- A. Engineering careers
- B. Computer spreadsheets
- C. Computer programming
- D. Engineering calculations
- E. Resumes and interview skills