

University of Arkansas - Fort Smith
5210 Grand Avenue
P. O. Box 3649
Fort Smith, AR 72913
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General Syllabus

ENGN 1121 Introduction to Engineering II

Credit Hours: 1

Lecture Hours: 1

Laboratory Hours: 1

Prerequisite: ENGN 1111 Introduction to Engineering I

Effective Catalog: 2018-2019

I. Course Information

A. Catalog Description

Further study of the engineering profession to first year students. A semester project will be used to teach engineering principals.

B. Additional Information - None

II. Student Learning Outcomes

A. Subject Matter

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

1. Write a technical project report.
2. Design a simplistic lab, mechanism or device.
3. Give a technical presentation.
4. Identify ethical issues in engineering.
5. Measure, process and report experimental data.

B. University Learning Outcomes

This course enhances student abilities in the following area:

Communication Skills (written and oral)

Students will write technical reports and give technical presentations

III. Major Course Topics

- A. Engineering design
- B. Measurement and data analysis
- C. Technical writing and presentations
- D. Engineering ethics