

University of Arkansas - Fort Smith
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General Syllabus

ENGN 190V Engineering Work-Based Learning

Credit Hours: 1-4 Variable Internship/Practicum 1-4 Variable

Prerequisite: consent of instructor or dean

Effective: 2018-2019

I. Course Information

A. Catalog Description

A comprehensive treatment of relevant work experience related to the student's major field of study. Includes cooperative education, apprenticeships, extended job shadowing, internships and any other systematic, planned work experience. Academic faculty and local employers work together with students to ensure the relationship between classroom instruction and work experience. The dean approves the work experience and the number of hours of credit to be earned. May be repeated for a total of eight hours.

B. Additional Information - None

II. Student Learning Outcomes

A. Subject Matter

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

1. Learn through experience the role of engineers in a professional mentoring program.
2. Obtain and evaluate information on engineering career opportunities.
3. Reflect upon theory and concepts taught in engineering courses as a result of the experiences gained in this course.
4. Collaborate and work with professionals and identify possible industry skill sets needing enhancement that will enrich future course work.

B. University Learning Outcomes

Communication Skills (Written and Oral)

Students will read and comprehend information, express ideas effectively in written and spoken form. Students will communicate through written assignments and presentations.

III. Major Course Topics

Major course topics will vary based on the selected work experience.