

AE 494 – Applied Engineering Senior Internship

Details and Requirements for Applied Engineering Students



Catalog Statement

AE 494 – Applied Engineering Senior Internship (2 Credit Hours)

Prerequisite(s): [AE 393](#), and [EH 322](#) or [CBA 350](#) with a minimum grade of C. Senior Standing and instructor approval.

Provides Applied Engineering majors with practical industrial experiences via an approved internship arrangement. Grades: Pass/Fail. (Writing Intensive Course)

Course Structure

AE 494 consists of two parts: 1) the industrial internship, and 2) course assignments

1. The industrial internship has the following requirements:
 - The internship must meet a minimum duration of 5 weeks and 150 hours
 - The internship must be approved by the course instructor to ensure that it relates to the student's academic major and allows the practice of professional skills learned in major coursework
 - A knowledgeable workplace mentor is available to the student
 - The student completes the required hours during the same term as course enrollment
2. Students will complete three major assignments during the AE 494 course:
 - A written internship proposal
 - An internship presentation to faculty, peers, and supervisor(s)
 - A written internship report, detailing the work the student performed during the placement

Eligibility

To register for AE 494, students must meet the following eligibility requirements:

1. The student will be in his/her last or second-to-last semester before graduating
2. An approved internship (see above) is secured for the student during the course term
3. The student has met the course prerequisites