

# **IEM 5030 Engineering Practice**

## **Fall/Spring Syllabus**

**Prerequisites:** Consent of School Head, approval of IEM adviser and satisfactory completion of 12 hours of [IEM 5000](#)- or [IEM 6000](#)-level courses.

**Description:** Professionally supervised experience in a real-life problem involving authentic projects for which the student assumes a degree of professional responsibility. Activities must be approved in advance by the student's adviser. May consist of full or part-time engineering experience, on-campus or in industry, or both, either individually or as a responsible group member. Periodic reports, both oral and written, required as specified by the adviser. Offered for variable credit, 1-9 credit hours, maximum of 12 credit hours.

**Schedule Type:** Independent Study

**Instructor of Record:** IEM academic adviser

**Phone:** (405) 744-6055

### **Course Deliverables:**

- 1. Proposal due in the first 2-3 weeks** [20 points]: Email your adviser, a 2-3 page proposal documenting anticipated project activities.
- 2. Mid-semester update due after 5-weeks** [20 points]: Communicate with your adviser on your progress. Notify your adviser of any major changes in your project activities, or other major deviations from your proposal. Communication may take the form of a meeting (in person, video, or phone call), or a written report, as specified by your adviser. Your adviser may ask for a draft final report in addition, or in lieu of a mid-semester update, to provide feedback on the final report.
- 3. Final report due at least one week before grades due for the semester** [60 points]: Consult your adviser ahead of time for guidance on the format, content, length, submission procedure, and exact due date for your final report.

**CAUTION:** You are responsible for ensuring that none of the aforementioned course deliverables or any other communication with your adviser, disclose proprietary or confidential information, or share intellectual property. You are also responsible for obtaining the necessary approvals from the company for the sharing the content of the deliverables with your adviser. You must allow for sufficient time for the approvals to be obtained to ensure timely submission of your deliverables.

### **Grading Scale:**

80 or above: A grade

60 or above and below 80: B grade

40 or above and below 60: C grade

Below 40: D/F grade

**Resources:** You will find additional resources at this link:

<https://academicaffairs.okstate.edu/content/resources-students>