

CIVE 402  
Fall 2016  
COURSE OUTLINE

SENIOR DESIGN: TRANSITION TO A PROFESSIONAL ENGINEER

Lecture No.	Date	Lecture Topic
1	23 AUG	Class Introduction
2	25	Presentation of Class Projects (due 4pm 26 AUG)
3	30	Project Management #1
4	01 SEP	Team Assignments – <u>Assignments #1 and 2</u>
5	06	Team Meeting - No Class – <b>Assignment #1 Due</b>
6	08	Resumes (Career Center) – <b>Assignment #2 Due</b>
7	13	Project Management #2 – <u>Assignment #3</u>
8	15	Interviewing (Career Center) - <b>Assignment #2b Due</b>
9	20	Project Proposal/Progress Report Guidelines
10	22	Group Meeting #1 with Thornton/McManus - <b>Assignment #3 Due</b>
11	27	Technical Writing
12	29	Engineering Career Fair – No Class
13	04 OCT	Engineering Economy
14	06	Group Meeting #2 with Thornton/McManus – <b>P.R.#1 Due</b>
15	11	Engineering Economy
16	13	Engineering Economy - <u>Assignment #4</u>
17	18	Sexual Harassment
18	20	Group Meeting #3 with Thornton/McManus - <b>Assignment #4 Due</b>
19	25	Engineering Economy Homework Review
20	27	Group Meeting #4 with Thornton/McManus – <b>P.R.#2 Due</b>
21	01 NOV	Life Economics
22	03	<b>Engineering Economy Examination</b>
23	08	Public Speaking
24	10	Group Meeting #5 with Thornton/McManus
25	15	Proposal Q&A
26	17	Group Meeting #6 with Thornton/McManus
	18	<b>Proposals Due – My mailbox by 5pm</b>
	21-25	No Class – Thanksgiving Break
27	29	Proposal Presentations (2-3pm)
	30	Proposal Presentations (5-8pm)
28	01 DEC	Proposal Presentations (2-5pm)
29	06	Interview Blitz
30	08	Interview Blitz – <b>Assignment #5 Due</b>
	12-16	Final Examination Week

Course Instructors: Dr. Christopher Thornton, P.E. Assoc. Prof., Director of Engineering Research Center and Hydraulics Laboratory  
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Dr. Patrick McManus, P.E., S.E., Principal, Martin/Martin, Inc.  
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Text: "Fundamentals of Engineering Review Manual" – Should have received an email from Sarah Falcon regarding purchasing.

Time: T 2:10-3:00, TH 2:10- 3:00 class, 3:10 to 5:00 lab  
Room: 130 Glover

Grade will be comprised:

Engineering Economy Exam	20%
Proposal Presentation	25%
Proposal Document	25%
Assignments	25%
Progress Reports	5%

No Final Exam. Proposal presentations will be made on 29 NOV (2-3 pm), 30 NOV (5-8 pm) and 1 DEC (2-5 pm), 2015. Each team will be required to present at one of the two forums. Your presence is required for the entire session. You will not have to attend both sessions.

Assignments and class information will be posted on Canvas and assignments are due at the beginning of the lecture on the assigned date.