

ETME 400 –Mechanical Engineering Technology Senior Seminar
Fall 2014
RH 210 Th 3:10 – 4:00 pm

CATALOG DATA:

--A seminar course focusing on career path development. Students will meet with current industry professionals to discuss specific careers, as well as meet with freshman students to share undergraduate experiences

TEXTBOOK: None required

INSTRUCTOR:

Kevin Cook, P.E., RH 203, 994-6503, kcook@me.montana.edu
Office Hours: TBD

EXTRANCE EXPECTATIONS: COREQUISITE: ETME 489.

COURSE OBJECTIVE:

This Pass/Fail seminar is designed to aid senior MET students in preparing for their job searches. Resume writing, interviewing techniques, and portfolio development will be emphasized. In addition, students will be expected to interact with and mentor ETME 100 students through the introduction of the design and problem solving processes. Professionalism and ethical issues associated with the MET profession will also be discussed.

CLASS SCHEDULE:

This class will meet in Roberts Hall 210 or 113 throughout the semester on Thursdays from 3:10-4:00pm.

COMPUTER AND LABORATORY USAGE:

Students will be required to complete homework assignments using basic software packages previously presented in the MET curriculum. All homework requiring a writing component must be typed.

COURSE OUTCOMES:

Upon completion of this course, students will:

- Understand the attributes of a successful engineer in industry
- Complete graduation paperwork/ DegreeWorks requirements
- Prepare a grammatically correct cover letter tailored to a job of interest
- Prepare a professional resume
- Practice professional interviewing techniques
- Develop professional job seeking skills (career fairs, internet, etc.)
- Investigate potential employment opportunities for MET graduates.
- Understand the importance of professional conduct on the job
- Understand the importance of life-long learning
- Develop a clear understanding of the ethical implications of engineering issues and engineering decisions upon humanity, as well as a working knowledge of professional engineering ethical codes and responsibility.

Course Grade:

Attendance will be taken every meeting. Two absences will be granted for appropriate reasons. More than two absences will result in a failing grade. Also, completion of all assignments is expected, and senior level work is required. The course instructor will evaluate the quality of your work, provide feedback as necessary, and determine the final grade based on that work.

ETME 400 – MET Senior Seminar – Fall 2014**Course Schedule (Tentative)**

Month	Day	Discussion Topic	Room	Assign.	Due
Aug.	28	Course Introduction / Marketing Plan	Roberts 210	#1	Sept 4
Sept.	4	Attributes of an Effective Engineer	Roberts 210	#2	Sept 11
	11	Career Services presentation	Roberts 113	#3	Sept 18
	18	Professional Resume Development	Roberts 210	#4	Sept 25
	25	Letters of Application / Communication Ethics	Roberts 210	#5	Oct 2
Oct.	2	Interviewing Techniques	Roberts 210		
	9	Guest Speaker	Roberts 113	#6	Oct 16
	16	Career Fair Day	Sub Ballrooms	#7	Oct 23
	23	Application Process Review	Roberts 210		
	30	ETME 100/400 Group Activity Meeting #1 – Peer Advising	Roberts 113		
Nov.	6	Guest Speaker	Roberts 113	#8	Dec. 4
	13	Guest Speaker	Roberts 113		
	20	ETME 100/400 Group Activity Meeting #2 – Senior Capstone	Roberts 113		
	27	<i>Thanksgiving Week – no meeting</i>			
Dec.	4	Lifelong Learning / Course Evaluations	Roberts 210		