ETME 400 – Mechanical Engineering Technology Senior Seminar
Fall 2013

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 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 MET 101 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 321 or Reid 402 throughout the semester on Tuesdays from 8:00-8:50AM.

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 have demonstrated an understanding of:

- Understand the attributes of a successful engineer in industry
- Complete petitions to graduate from the MET program
- Prepare a cover letter tailored to a job of interest
- Prepare a professional resume
- Practice professional interviewing techniques
- Develop a short-term (5 year) career plan
- Develop professional job seeking skills (career fairs, internet, etc.)
- Investigate potential employment opportunities for MET graduates.
- Understand and adopt 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.