

BME 550 ETHICS AND ENTERPRISE – FALL 2019

FRIDAYS 10:30 – 11:30 AM

1610 IOE

INSTRUCTOR: Professor David Sept (he/his)

OFFICE: 2130 LBME

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OFFICE HOURS: Wednesdays 10-11:30 or by appointment

COURSE DESCRIPTION

This seminar is designed to introduce BME graduate students to both business and ethics issues related to starting/working in both academics and industry. Ethical discussion will focus upon ethical considerations as an employee, scientist and technology developer. The enterprise portion of the course will focus on enterprise opportunities for academic and non-academic biomedical engineers. Numerous representatives from industry will come and share their experiences in industry and how they found a means to pursue their interests through their careers. Enterprise topics will include experiences for biomedical engineers in patent law, medical device development, economic development and start-ups.

CLASS POLICIES

All students are expected to attend every seminar during the term. One unexcused absence is permitted. If you cannot make a seminar for a good reason, then you must contact me at least 24 hours in advance of the seminar via email (address above) explaining the reason for the absence. Any student missing a seminar and not informing me in advance will have that absence considered unexcused.

Keeping in mind the overall purpose of this course, Ethics and Enterprise, students are expected to ethically and professionally respect fellow classmates, the instructor and guest lecturers. Hence:

1. Late entries and early departures from class are a sign of disrespect to your fellow classmates and more importantly, the guest speakers that have taken time out of their valuable schedules to come and speak.
2. Laptops are not necessary during class. Laptops, cellphones and any other electronic files must be turned off and put away throughout the class unless otherwise indicated.
3. You must read the assigned readings in advance of class. As significant portion of this course is in-class discussion and your participation will be limited if you do not read the assigned materials.

DIVERSITY, EQUITY, AND INCLUSION

I consider this classroom to be a place where you will be treated with respect, and I welcome individuals of all ages, backgrounds, beliefs, ethnicities, genders, gender identities, gender expressions, national origins, religious affiliations, sexual orientations, ability – and other visible and nonvisible differences. All members of this class are expected to contribute to a respectful, welcoming and inclusive environment for every other member of the class.

I am dedicated to helping each of you achieve all that you can in this class. I may, either in lecture or smaller interactions, accidentally use language that creates offense or discomfort. Should I do this, please contact me and help me understand and avoid making the same mistake again.

ASSIGNMENTS

- 1) 4 U-M PEERRS Certification (Program for Education and Evaluation in Responsible Research and Scholarship Modules <http://my.research.umich.edu/peerrs/>)
 - a. Foundations of Good Research Practices
 - b. Human Subjects – Biomedical & Health Sciences
 - c. Conflict of Interest

- 2) Role Play Case Video

GRADING

While this is a pass/fail course, grades are based upon the following:

Attendance & Participation	30%
PEERRS Certification (4)	40%
Role Play Video	30%

A failing grade in this graduate class is considered < 80%