

Classes: Distance Learning
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Office Hours: As posted and by appointment.
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Course Description: Introduce engineering graduate students to engineering ethics, scientific research and technical writing, and publication citations. Additional topics include active reading, active listening, effective presentation, faculty-advisor relationships, and the thesis/dissertation process.

Course Objectives: Students will be able to:

- Define academic integrity, plagiarism, fair use
- Explain the importance of ethics and integrity in engineering and research
- Compare and contrast ethical behavior and legal behavior
- Express the WSU Academic Integrity policy
- Describe the relationship between the graduate student and their advisor
- Use library research tools available to WSU graduate students
- Explain the thesis and dissertation preparation process

Course Requirements and Evaluation: Course grades will be based on several criteria including a subjective evaluation of effort, learning, and understanding.

Email: You are strongly encouraged to use your official Wright State email account. Although I might reply to a non-WSU email from students, I will not initiate any email to other than a student WSU email address. If you experience any problems with your WSU email account, please contact your instructor.

Assignments: A series of short essay exercises will be assigned periodically throughout the quarter. In general, each of the exercises will be a reaction paper which describes your thoughts regarding a particular topic that either was discussed during lecture or assigned as a reading topic.

Final Exam: A final written exam will include selected issues that were assigned as exercise topics.

Academic Integrity: The instructor fully endorses the Wright State University policy to uphold and support standards of personal honesty and integrity for all students consistent with the goals of a community of scholars and students seeking knowledge and truth. Students are expected to be aware of and to adhere to the university standards of academic honesty found under academic information in the WSU student handbook, <http://www.wright.edu/students/judicial/integrity.html>

Note: Discussion of homework assignments is permissible, but any copying or sharing of assignments/tests or sharing of computer files is not permitted.

Reasonable Accommodations Policy: Any student with a disability that may prevent them from fully demonstrating their abilities should contact me personally as well as the **Office of Disability Services** as soon as possible so we can discuss accommodations necessary to ensure full participation and facilitate your educational opportunities.

Grading Criteria: Grades will be awarded as follows.

- A The overall work can be described as excellent.
- B The overall work can be described as very good.
- C The overall work can be described as adequate.
- D The work seems to represent poor or little effort.
- F The work appears to be of little or no value.

The overall course grade will be determined by 80% written assignments and 20% final exam. Assignments will be graded on a variable points basis; assignments may not all be weighted equally.

BME / IHE 601-90 Distance Learning (E Course)

Normally, BME/IHE 601 lectures are presented by guest speakers. However, since the vast majority of Winter 2012 students registered for the Distance Learning section, all classes will only be available on-line.

Students must realize that distance learning courses are NOT intended to be self-paced courses; but rather, the distance learning courses are designed to be schedule-paced participatory courses. As such, distance learning students are expected to keep up with the course schedule, by reviewing the on-line web files and completing the assignments and exams in a timely manner. The instructor will normally communicate with you by email and through postings to the web page. The video recorded lectures will be accessible via <http://pilot.wright.edu> and will generally be posted on Mondays by 4:00 PM. *Likewise, writing assignments will normally be due by Noon on the Monday after the assignment was posted* (modified 12-29-2011). A BME/IHE 601 Writing Assignment Guidelines handout will be posted to the www.cs.wright.edu/~dkender web page.

Topics:

- Course introduction, administrative details, and course rationale
- Academic Integrity & Engineering Ethics
- Ethical Problem Solving Techniques
- Graduate Student/Advisor Relationship
- Success in the Engineering Ph.D. Program
- Library and Literature Research Tools
- Proper Citation in Technical Writing
- Thesis/Dissertation Preparation
- Formatting Technical Publications (Text and Graphics)

Important Dates:

Last day to drop the class without a letter grade	Monday, January 23, 2012
Last day to drop the class with a letter grade of "W"	Monday, February 20, 2012