ChE 5811: Research Preparation II, Fall 2016
Department of Chemical Engineering and Materials Science
Wayne State University

Lecture: Will be scheduled individually

Instructor: Dr. Haipeng Liu,
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Web Site: http://www.blackboard.wayne.edu

Course Reading: Will be provided by instructor

Learning Objectives: This course will cover:
1. Research components and research organizations
2. Research integrity
3. Research funding types and sources
4. Grant writing basics
5. Ethical issues, data sharing, intellectual properties
6. Human subject, animals, cells
7. Conflict of interests
8. Lab safety
9. Publication and peer review
10. Engineering data bases and literature search

Grading:
Class participation and quizzes: 50%
Assigned literature search: 50%

Extra Credit: No extra credit will be allowed.

Grading Scale: A: 100-85%, B: 84-70%, C: 69-55%, D: 54-35%

Course Requirements: Attend and participate in class lectures and discussions.
Read assigned materials.
Submit reports on time.