

Syllabus for the College of Engineering

ENU-4934: Fundamentals of Nuclear and Radiological Engineering, Fall 2014
(Required Course)

1. **Catalog Description (including credit hours)** –(1 credit) Presentations and discussions on topics of current and continuing interest in nuclear engineering sciences.
2. **Pre-requisites and Co-requisites:** freshman/sophomore standing in Nuclear Engineering
3. **Course Objectives** - This course is intended to introduce basic concepts in Nuclear Engineering to students and the areas of interest and research activities of the faculty of the Department of Nuclear and Radiological Engineering
4. **ABET Program Outcomes Supported by Course:**
 - a. 1. Graduates will have successful careers in Nuclear Engineering and related disciplines.
 - b. 2. Graduates will pursue advanced degrees or continuing education.
5. **Instructor:** Katherin L. Goluoglu
 - a. Office location – Nuclear Sciences Building Rm 232
 - b. Telephone – 865-719-0521
 - c. E-mail address- klgoluoglu@mse.ufl.edu
 - d. Class Web site - TBA
 - e. Office hours –by appointment
6. **Meeting Times:** M 12:50-1:40
7. **Meeting Location:** NSC 227
8. **Material and Supply Fees:** None required
9. **Textbooks and Software Required:** None- course notes are developed by the instructor
10. **Course Outline:**

Course addresses a variety of topics in nuclear engineering. Each seminar pertains to a particular topic or area of research. Weekly topic will vary according to current research discussed. This course will also discuss fundamental concepts of nuclear engineering as it relates to these research topics.
11. **Attendance and Expectations:** Attendance is required and is a partial basis for your grade. Only documented, UF-sanctioned reasons (e.g., medical emergency, religious observance) will be accepted. Cell phones and other electronic disruptions will lead to ejection from the room and being counted as absent.
12. **Grading:** Homework 50%, Attendance 25%; final project, 25%
13. **Grading Scale:** 92.0%+: A; 90.0-91.9%: A-; 87.0-89.9%: B+; 83.0-86.9%: B; 80.0-

82.9%: B-; 77.0-79.9%: C+; 73.0-76.9%: C; 70.0-72.0%: C-; 67.0-69.9%: D+; 63.0-66.9%: D; 60.0-62.9%: D-; 59.9% and lower: E

A C- will not be a qualifying grade for critical tracking courses. In order to graduate, students must have an overall GPA and an upper-division GPA of 2.0 or better (C or better). Note: a C- average is equivalent to a GPA of 1.67, and therefore, it does not satisfy this graduation requirement. For more information on grades and grading policies, please visit:

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Graduate students need an overall GPA of 3.00 truncated and a 3.00 truncated GPA in their major (and in the minor, if a minor is declared) at graduation.” For more information on grades and grading policies, please visit:

<http://gradcatalog.ufl.edu/content.php?catoid=4&navoid=907#grades>

Requirements for class attendance and make-up exams, assignments, and other work are consistent with university policies that can be found at:

<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>

14. **Honesty Policy:** All students admitted to the University of Florida have signed a statement of academic honesty committing themselves to be honest in all academic work and understanding that failure to comply with this commitment will result in disciplinary action. This statement is a reminder to uphold your obligation as a UF student and to be honest in all work submitted and exams taken in this course and all others. Note that failure to comply with this commitment will result in disciplinary action compliant with the UF Student Honor Code Procedures.
See <http://www.dso.ufl.edu/sccr/procedures/honorcode.php>
15. **Accommodation for Students with Disabilities:** Students Requesting classroom accommodation must first register with the Dean of Students Office. That office will provide the student with documentation that he/she must provide to the course instructor when requesting accommodation.
16. **UF Counseling Services:** Resources are available on-campus for students having personal problems or lacking clear career and academic goals. The resources include:
 - UF Counseling & Wellness Center, 3190 Radio Rd, 392-1575, psychological and psychiatric services.
 - Career Resource Center, Reitz Union, 392-1601, career and job search services.
17. **Software Use:** All faculty, staff and student of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate. We, the members of the University of Florida community, pledge to uphold ourselves and our peers to the highest standards of honesty and integrity.

18. **Evaluations:** Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at:

<https://evaluations.ufl.edu>

Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of the assessments are available to students at:

<https://evaluations.ufl.edu/results> .