Instructor: Dr. Shengli Fu
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Office Hours: Wednesday from 2:00 to 4:00 pm or by appointment

Course Description
This course consists of fifteen lessons. We think that achieving those objectives will contribute significantly to your success while in school and, if you refresh them and review the hints given, your advancement in your professional life. They also cover seven course learning objectives that we report to ABET, the engineering accrediting agency that recommends them.

Textbooks
No required books, but please check course material in Black Board.

Class Schedule (tentative)
1. Introduction to Learning to Learn (1 week)
2. Inspired to Learn (1 week)
3. Effective Communications (1 week)
4. Intelligence and Cognition Learning (1 week)
5. Presentations of Mini-Project I (1 week)
6. Cognition and Knowledge Representation (1 week)
7. Conceptualizing and Being Efficient (1 week)
8. Problem-solving Thinking Metacognition (1 week)
9. Critical and Analytical Thinking (1 week)
10. Presentations of Mini-Project II (1 week)
11. The Engineering Design Process (1 week)
12. Professionalism, Ethics and the IEEE (1 week)
13. Contemporary Issues in Electrical Engineering (1 week)
14. Summary of the course (1 week)
15. Final Project Presentations (1 week)

Grading Policy:
Assignments: 25%;
Presentations/Reports: 40%;
In Class Questions: 20%;
Final Examination: 15%.


General Comments

- Students are encouraged to discuss class material and homework in order to better understand concepts. However, all the homework you submit must be of your own. Direct copying of a solution (from a friend or a book) will be considered as plagiarism and a violation of the University Honor Code.

- Homework assignments are to be turned in at the beginning of the class on the due date. Late submission (Homework and Project) will not be accepted.

- All students are responsible for announcements made in lecture, on the student access website, or via the class email list.

- It is the responsibility of students with certified disabilities to provide the instructor with appropriate documentation from the Dean of Students Office (see http://www.unt.edu/oda).