

The University of Texas at Tyler  
Department of Electrical Engineering

EENG 5399: Independent Study

Syllabus

Catalog Description:

Independent study in a specific advanced area of engineering not covered by organized graduate courses. May be repeated as content changes. A maximum of six credits of independent study courses may be applied toward a graduate degree.

Prerequisites: Consent of instructor and department chair.

Credits: 3 ( 0 hours lecture, 0 hours laboratory per week )

Text(s): Topic-based

Additional Material:

Course Coordinator:

Topics Covered: (paragraph of topics separated by semicolons)

Topics in an advanced area of study in electrical engineering are chosen by the instructor. Student performs directed study on the topics and may have to take an examination, write a report(s), and/or work on semester project(s).

Evaluation Methods: (only items in dark print apply):

1. Examinations / Quizzes
2. Homework
3. Report
4. Computer Programming
5. Project
6. Presentation
7. Course Participation
8. Peer Review

Course Objectives<sup>1</sup>: By the end of this course students will be able to:

1. Independent Directed Study. [1, 3-6]
2. Project Work. [5]
3. Preparation of Report(s). [3, 6]

<sup>1</sup>Numbers in brackets refer to method(s) used to evaluate the course objective.

Relationship to Program Outcomes<sup>2</sup>: This course supports the following Electrical Engineering Program Outcomes, which state that our students will:

1. Graduates of the program will possess a breadth and depth of knowledge in electrical and computer engineering. [1-3]
2. Graduates of the program will possess and demonstrate oral and written communication skills. [1-3]
3. Graduates of the program will demonstrate the capability to perform independent learning and investigation.[1-3]

<sup>2</sup>Numbers in brackets refer to course objective(s) that address the Program Outcome.

Prepared By: Mukul Shirvaikar, Professor Date: 25 August 2008