

Mississippi State University
Department of Electrical and Computer Engineering
Directed Individual Study Form

This form must be returned to the Graduate Program Director by the following deadlines:

- *November 15 for subsequent spring-semester enrollment in ECE7000*
 - *April 15 for subsequent summer-term enrollment in ECE7000*
 - *July 15 for subsequent fall-semester enrollment in ECE7000*
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Student Information:

Name:

MSU ID:

Net ID:

Degree Program:

PhD

MS thesis

MS non-thesis

Campus:

Starkville

Distance Education

ECE7000 Course Information:

Course Title:

The course title is mandatory and must be 30 characters or less, including spaces—this course title will appear on your transcript.

Term: Fall Spring First Summer Term Second Summer Term Full Summer

Year:

Credit Hours:

Instructor:

Meeting Frequency:

Deliverables: *a final copy must be submitted to the Instructor and the Graduate Program Director*

Research: *Report and submission of a journal/conference paper*

Course Oriented: *Extended summary (approximately 5 pages)*

Attach a research proposal or course outline (two-pages minimum)

ECE7000 Course Objectives and Evaluation:

Course Objectives:

Grading Scale: *if different from the standard 10-point scale*

Method of Evaluation: *Basis for grade assignment with percentage per component (example: 30% progress, 70% report). Course-oriented DIS must have exams/evaluation throughout the semester.*

Approval:

Student

Date

Instructor

Date

Major Professor

Date

Graduate Program Director

Date

Instructions

A student planning to enroll in ECE7000 Directed Individual Study (DIS) must plan ahead of time with his or her major professor or the intended instructor of the DIS. In order to obtain approval for the DIS as well as to have the DIS section created in Banner, the following instructions must be followed:

- The student must submit the Directed Individual Study Form by the following deadlines:
 - November 15 for subsequent spring-semester enrollment in ECE7000
 - April 15 for subsequent summer-term enrollment in ECE7000
 - July 15 for subsequent fall-semester enrollment in ECE7000
- **Research DIS:**
 - Topic:* The DIS may not involve research that is associated with a “controlled” project as defined by the International Traffic in Arms Regulations (ITAR).
 - Proposal:* The student must submit a written proposal (two pages minimum) attached to the Directed Individual Study Form according to the format below.
 - Proposal Format:*
 - Title page consisting of student name, student NetID, title of the research, and the semester the student is planning to enroll in ECE7000
 - General background information about the research topic
 - Literature Review (discussion of current research in the topic area)
 - Proposed Method (state in detail how the student is approaching the problem, technique(s) to be used, what do the student expects to achieve, methods of evaluating results, etc...)
 - Possible conference(s)/journal(s) to which a paper will be submitted, as well as when such a submission is likely to occur
 - References (minimum of 3)
 - Completion:* The student must complete a report as well as submit a paper to a conference or journal. The report is due at the end of the semester of the DIS along with a preprint of the paper submission. If the journal/conference paper has not been submitted at the time of the report, the student must later submit a preprint of the paper to the Graduate Program Director when the submission is made. In this latter case, the DIS report must describe plans for the submission (i.e., when the submission is anticipated to occur, the conference/journal where submission is anticipated to take place).
- **Course Oriented DIS:**
 - Proposal:* The student must submit a course outline attached to the Directed Individual Study Form. The method of evaluation must describe exams, or other mechanisms of evaluation that take place throughout the semester (i.e., a single assessment at the end of the semester is insufficient).
 - Completion:* An extended summary (approximately 5 pages), outlining the student's accomplishment and the results of the various exams/assessments made throughout the semester, must be submitted to the Graduate Program Director at the end of the semester of the DIS.

Notes:

- It is the responsibility of the student to write the proposal for the DIS course, to get it approved by the major professor and/or instructor of the course, and to submit it to the Graduate Program Director. Proposals that do not meet the specified criteria will be rejected.
- No late DIS proposals will be accepted.
- A student may take only one DIS in a semester; only two DIS courses may count toward a Program of Study.
- A faculty member may not offer more than two DIS courses in a single semester.
- Students cannot take ECE 7000 during their first semester of enrollment in the ECE department.
- To take DIS under a CSE faculty member, contact the graduate program director of the CSE department in order to enroll in CSE7000. *This form is not applicable to CSE7000 enrollment.*