

University of Puerto Rico
 Mayagüez Campus
 College of Engineering
 Department of Electrical and Computer Engineering
 Bachelor of Science in Electrical Engineering

Course Syllabus

1. General Information:	
Alpha-numeric codification: INEL 5995 Course Title: Special Problems Number of credits: One to six credit hours. Contact Period: Depends on the assignment. Elective in INEL	
2. Course Description:	
English: Investigations and Special Problems In Electrical Engineering Orrelated Fields. Open to Outstanding Electrical Engineering Students.	
Spanish: Investigación o Problemas Especiales de Ingeniería Eléctrica y Ramas afines. Abierto a estudiantes sobresalientes de Ingeniería Eléctrica.	
3. Pre/Co-requisites and other requirements:	
Consent of the Director of the Department.	
4. Course Objectives:	
Students will compare and contrast the theoretical aspects of electrical engineering with the real world practice. They will apply the fundamental concepts taught in the classroom and recognize their value in real practice. Students will experience and be exposed to the practical aspects of electrical engineering design.	
5. Instructional Strategies:	
<input type="checkbox"/> conference <input type="checkbox"/> discussion <input type="checkbox"/> computation <input type="checkbox"/> laboratory <input type="checkbox"/> seminar with formal presentation <input type="checkbox"/> seminar without formal presentation <input type="checkbox"/> workshop <input type="checkbox"/> art workshop <input type="checkbox"/> practice <input type="checkbox"/> trip <input type="checkbox"/> thesis <input checked="" type="checkbox"/> special problems <input type="checkbox"/> tutoring <input type="checkbox"/> research <input type="checkbox"/> other, please specify:	
6. Minimum or Required Resources Available:	
7. Course time frame and thematic outline	
Outline	Contact Hours
Varies with assignment	
Total hours: (equivalent to contact period)	
8. Grading System	
<input checked="" type="checkbox"/> Quantifiable (letters) <input type="checkbox"/> Not Quantifiable	
9. Evaluation Strategies (Suggested): The faculty member teaching the course will provide the student with the evaluation strategy he/she will be using throughout the semester. This will be done within the first week of classes.	

	Quantity	Percent
<input checked="" type="checkbox"/> Exams	varies	40
<input type="checkbox"/> Final Exam		
<input type="checkbox"/> Short Quizzes		
<input type="checkbox"/> Oral Reports		
<input type="checkbox"/> Monographs		
<input type="checkbox"/> Portfolio		
<input checked="" type="checkbox"/> Projects		
<input type="checkbox"/> Journals		
<input type="checkbox"/> Other, specify: Progress Report	varies	20
Final Report	1	40
TOTAL:		100%

10. Bibliography:

11. According to Law 51

Students will identify themselves with the Institution and the instructor of the course for purposes of assessment (exams) accommodations. For more information please call the Student with Disabilities Office which is part of the Dean of Students office (Chemistry Building, room 019) at (787)265-3862 or (787)832-4040 extensions 3250 or 3258.

12. Contribution of Course to meeting the requirements of Criterion 5:

Math	Basic Science	General	Engineering Topic
			√

12. Course Outcomes

Varies with the assigned special problem.

Person (s) who prepared this description and date of preparation: Raúl E. Torres, April 9, 2008. Submitted by: Academic Affairs Committee .