

University of Puerto Rico  
 Mayagüez Campus  
 College of Engineering  
 Department of Electrical and Computer Engineering  
 Graduate Program in Electrical Engineering

**Course Syllabus**

<b>1. General Information:</b> Alpha-numeric codification: INEL 6997 Course Title: Independent Studies Number of credits: 1 to 3 Contact Period: Independent studies.
<b>2. Course Description:</b> English: Individualized study projects in electrical engineering and/or related areas under supervision of a member of the faculty. The student develops a plan including faculty consultation, learning objectives, progress, and evaluation.  Spanish: Estudios individualizados en ingeniería eléctrica y/o áreas relacionadas bajo la supervisión de un miembro de la facultad. El estudiante desarrollará un plan que incluirá consultas con la facultad, objetivos de aprendizaje, progreso, y evaluación.
<b>3. Pre/Co-requisites and other requirements:</b> Graduate student status and permission of the director.
<b>4. Course Objectives:</b> After completing this course, students should be able to: - Select relevant bibliography on a particular topic in Electrical Engineering using library resources and the internet. - Construct a well organized bibliography on specific Electrical Engineering topics. - Evaluate the state of the art and identify gaps in the current state of knowledge in a particular topic in Electrical Engineering
<b>5. Instructional Strategies:</b> <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 type="checkbox"/> special problems <input type="checkbox"/> tutoring  <input type="checkbox"/> research <input checked="" type="checkbox"/> other, please specify: Independent Studies
<b>6. Minimum or Required Resources Available:</b> Campus library. Other resources dependent on the particular topics being studied.
<b>7. Course time frame and thematic outline</b> Dependent on the particular topics being studied
<b>8. Grading System</b> <input checked="" type="checkbox"/> Quantifiable (letters) <input type="checkbox"/> Not Quantifiable
<b>9. Evaluation Strategies</b>

	Quantity	Percent
<input checked="" type="checkbox"/> Exams	TBD	0-100
<input checked="" type="checkbox"/> Final Exam	TBD	0-100
<input checked="" type="checkbox"/> Short Quizzes	TBD	0-100
<input checked="" type="checkbox"/> Oral Reports	TBD	0-100
<input type="checkbox"/> Monographies		
<input type="checkbox"/> Portfolio		
<input checked="" type="checkbox"/> Projects	TBD	0-100
<input checked="" type="checkbox"/> Journals	TBD	0-100
<input type="checkbox"/> Other, specify:		
<b>TOTAL:</b>		<b>100%</b>

#### 10. Bibliography:

<http://www.uprm.edu/library>

<http://ieeexplore.ieee.org> (Electronic Publications of the IEEE)

<http://www.sciencedirect.org>

#### 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.