



Sample Brief Course Description

Course title	Special Topics in REE
Course code	ECE 498
College	Engineering
Department / Program	Electrical Engineering/Renewable Energy
Year/ Level	5/9
Course Type	<p>A.</p> <p><input type="checkbox"/> University</p> <p><input type="checkbox"/> College</p> <p><input type="checkbox"/> Department</p> <p><input checked="" type="checkbox"/> Others</p> <p>b.</p> <p><input type="checkbox"/> Required</p> <p><input checked="" type="checkbox"/> Elective</p>
Credited Hours	3
Contact Hours	(LT:3, LB:0, TR:0)
Pre-requisites (if any)	Passing (136) credit hours
Co-requisites (if any)	---
Course description	<p>This course emphasizes on selected new emerging issues in renewable energy engineering field .</p> <p>The syllabus for this course will be different every time the course is offered based on the current topics that are determined by the lecturers. The course will also involve study visits to companies that are related to in renewable energy engineering . The students will be requested to report on their visits to describe the new systems or techniques used in the field of in renewable energy engineering .</p>



Course Main Objectives	<p>The objective of this course is to give the students a mechanism for learning the latest trends and developments in renewable energy engineering related to their degree. The content of the course is not fixed and it depends on the research taking place internationally and the research interests of the college.</p>
Learning Outcomes	<p>Knowledge and Understanding</p> <ol style="list-style-type: none">1. Recognize fundamentals of electrical engineering principles and tools to explain and employ material related to the subjects in the field of renewable energy engineering that are not included in the curriculum but rather stem from the latest current research or from the local renewable energy industry.2. Recall essential facts and principles in the fields of renewable energy engineering3. Recognize fundamental principles of engineering science appropriate for electrical engineering such as to classify trends in the field of renewable energy engineering
	<p>Skills:</p> <ol style="list-style-type: none">1. Analyze the impact of the renewable energy engineering and development to the sustainability, the society and the environment.
	<p>Values:</p> <ol style="list-style-type: none">1. Develop the ability to work collaboratively in a multi-disciplinary group and communicate internally and externally as demonstrated in the project assignments.
References	