



## H-Form ECE 492

A Brief Course Description		
<b>College</b>	Engineering	
<b>Department/ Program</b>	Electrical Engineering – Electronics +Communications +Renewable Engineering	
<b>Course Name</b>	Capstone Design Project (1)	
<b>Course Code</b>	ECE 492	
<b>Year / Level</b>	5/9	
<b>Credit Hours</b>	2	
<b>Contact Hours</b>	Lecture: 1	Lab/Tutorial: 2      Training: 0
<b>Language</b>	English	
<b>Track</b>	<input type="checkbox"/> University <input type="checkbox"/> College <input checked="" type="checkbox"/> Department <input type="checkbox"/> Program	
	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Elective	
<b>Pre-requisites Course</b>	Pass 136 CR	
<b>Co-Requests</b>	-	
<b>Course Description</b>	Senior students select a design project and apply learned tool and knowledge to design process, components, and/or system of the production system; Students develop work plan, identify the problem, formulate the problem through reviewing background and integrating knowledge; prepare for/or preliminary conducting of the experiments, Collect the field data, develop the mathematical model if applicable; and writing a report stating preliminary findings.	