



H-Form ECE 211

A Brief Course Description			
College	Engineering		
Department/ Program	Electrical Engineering – Electronics +Communications +Renewable Energy		
Course Name	Electric Circuits (2)		
Course Code	ECE 211		
Year / Level:	3/5		
Credit Hours	3		
Contact Hours	Lecture: 2	Lab/Tutorial: 2	Training: 0
Language	English		
Track	<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		
Pre-requisites Course	ECE210		
Co-Requests:	-		
Course Description:	Three-phase circuits and power calculation, linear op-amp and op-amp circuits, transient and steady state response of the first order and the second-order circuits, Laplace transform and solution of circuits in complex-frequency domain, frequency response of passive circuits, transfer functions, poles and zeros, resonance networks, and filters, two-Port networks, mutually-coupled coils and the ideal transformer.		