



H-Form ECE 433

A Brief Course Description			
College	Engineering		
Department/ Program	Electrical Engineering – Renewable Energy		
Course Name	Design of Wind Turbines		
Course Code	ECE 433		
Year / Level	4/10		
Credit Hours	3		
Contact Hours	Lecture: 2	Lab/Tutorial: 2	Training: 0
Language	English		
Track	<input type="checkbox"/> University <input type="checkbox"/> College <input type="checkbox"/> Department <input checked="" type="checkbox"/> Program		
	<input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective		
Pre-requisites Course	ECE 211		
Co-Requests	-		
Course Description	Design of Wind Turbine is including complications of production of electricity from wind power, wind turbines locations and atmospheric science, analysis of experimental data, design and control analysis of wind turbine components, wind turbines sizing and citing analysis, adaptation of wind turbines with smart grids.		