H-Form ECE 434

A Brief Course Description			
College	Engineering		
Department/ Program	Electrical Engineering – Renewable Energy		
Course Name	Electrical Power Distribution Systems for REE		
Course Code	ECE 434		
Year / Level	4/10		
Credit Hours	3		
Contact Hours	Lecture: 3	Lab/Tutorial: 0	Training: 0
Language	English		
Track	☐University ☐College ☐Department ☒Program		
	☐Required ☒ Elective		
Pre-requisites Course	ECE 230/ ECE 331		
Co-Requests	-		
Course Description	This course introduces students to energy storage systems and provides a broad understanding and appreciation of the scientific principles that underpin the operation of such systems. The emphasis is on grid-scale (or utility-scale) energy storage as a means of addressing the intermittency of renewable energy components (e.g. solar or wind power systems) of modern electricity networks.		