CERTIFICATE IN CONTROL SYSTEMS

Engineers who deal with the control and optimization of systems will benefit from the focused coursework in this program, providing intensive studies in linear and non-linear systems, optimized control, controlability and stability of systems, and analysis and synthesis of control systems.

Gainful Employment Disclosure for Certificate in Control Systems

Curriculum

Code	Title		Credit Hours
Required Courses			**(6)**
ECE 438	Control Systems		3
or ECE 533	Robust Control		
ECE 566	Machine and Deep Learning		3
Elective Courses			**(6)**
Select a minimum of two courses from the following:			6
ECE 437	Digital Signal Processing I	3	
ECE 438	Control Systems	3	
ECE 441	Smart & Connected Embedded Sys	4	
ECE 501	AI and Edge Computing	3	
ECE 505	Applied Optimization Engrgs	3	
ECE 506	Anlys Nonlinear Systems	3	
ECE 510	IoT and Cyber Physical Systems	3	
ECE 531	Linear System Theory	3	
ECE 533	Robust Control	3	
ECE 535	Discrete Time Systems	3	
ECE 537	Next Generation Smart Grid	3	
ECE 550	Power Elect Dynmcs Control	3	
ECE 563	AI in Smart Grid	3	
Total Credit Hours			**12**