Educational Objective

Prepare students to become intelligent systems and automation engineering professionals with creative thinking and global perspectives

College-required Courses (13)

Departmental Required Courses (51)

GE Core Courses (19)

Service Education (0)

Physical Education (0)

Liberal Arts Education (15)

Departmental Electives Courses (30)

- Intelligent System
- Smart Automation

Career Plan

Year 1/Fall	Year 1/Spring	Year 2/Fall	Year 2/Spring	Year 3/Fall	Year 3/Spring	Year 4/Fall	Year 4/Spring
(GE Core Courses)	(GE Core Courses)	Physical Education (I)	Physical Education (II)	Digital Systems Laboratory	Machine Learning	Special Topic (II)	Career Plan
(GE Elective Course)	(GE Elective Course)	(GE Elective Course)	(GE Elective Course)	Communication System Laboratory	Special Topic (I)		
Service Education (I)	Service Education (II)	Python Programming	Computer Vision	Artificial Intelligence			
Calculus (I)	Calculus (II)	Engineering Mathematics (I)	Engineering Mathematics (II)				
Physics	Linear Algebra	Electric Circuits	Control Engineering Laboratory				
Introduction to Computer Science	MATLAB Programming	Electronics	Electronics Laboratory				
Digital Logic Design		Signals & Systems	Microprocessor				
The Introduction of Artificial Intelligence Technology		Automatic Control					

→ Prerequisite Suggested

- - → Procedure