

Curriculum List

Classification	Subject No.	Subject Name	Lecture: Lab: Credit	Semester
General Course	CC010	Special Lecture on Leadership	1:0:0	
	CC020	Ethics and Safety I	1AU	
	CC500	Scientific Writing	3:0:3	
	CC510	Introduction to Computer Application	2:3:3	
	CC511	Probability and Statistics	2:3:3	
	CC512	Introduction to Materials and Engineering	3:0:3	
	CC513	Engineering Economy and Cost Analysis	3:0:3	
	CC522	Introduction to Instruments	2:3:3	
Elective Course	PD501	Fundamentals on Digital Electronic Circuits for Future Vehicle	3:0:3	Spring
	PD502	Vehicle Dynamics and Control	3:1:3	Spring
	PD503	Analog Intergrated Circuits	3:0:3	Spring/Fall
	PD511	Operating Systems and System Programming for Electrical Engineering	3:0:3	Spring
	PD512	Automotive Power Electronics Systems	3:0:3	Fall
	PD513	Future Vehicle Capstone Design	1:6:3	Fall
	PD531	Advanced Vehicle Control Design	3:0:3	Fall
	PD532	Smart Vehicle Dynamics	3:0:3	Fall
	PD551	Fundamentals of Vehicular Electric Systems	3:0:3	Fall
	PD651	Modeling and Control of Electric Propulsion Systems	3:3:4	Spring
	PD652	Electric Vehicle Powertrain Engineering	3:0:3	Spring
	PD801 PD802 PD803	Automobile Special Topics in Electrical Engineering I,II,III	1:0:1 2:0:2 3:0:3	
	PD804 PD805 PD806	Automobile Special Topics in Mechanical Engineering I,II,III	1:0:1 2:0:2 3:0:3	
Research	PD960 PD980	Thesis (M.S / Ph.D)	1~9	
	PD966 PD986	Seminar (M.S / Ph.D)	1:0:1	