

Table of Curriculum

Classification	Course No.	Computer Code	Course Name	Lecture; Lab.; Credit (Assignment)	Semester	Note
Mandatory Major	GT500	19.500	Introduction to Green Transportation Systems	3:0:3	Spring	
	GT501	19.501	Modeling and Control of Electric Propulsion Systems	3:3:4	Spring	
	GT502	19.502	Intelligent Transportation System	3:3:4	Fall	◎
	GT505	19.505	Computational Analysis and Design for Electric Vehicles	3:3:4	Fall	◎
	GT506	19.506	Fundamentals of Vehicular Electric Systems	3:0:3	Fall	◎
	GT507	19.507	Transportation Infrastructure systems	3:0:3	Spring	◎
	GT508	19.508	Navigation and Sensing Systems	3:0:3	Fall	◎
Elective	GT520	19.520	Electric Powertrain Engineering	3:0:3(6)	Fall	
	GT531	19.531	Battery System Modeling and Control	3:0:3	Fall	
	GT560	19.560	The Principles and Applications of the Calman Filter	3:0:3(6)	Spring	◎
	GT611	19.611	Introduction to Transportation Economics	3:0:3	Fall	
	GT640	19.640	Green Railway System Engineering	3:0:3	Spring	
	GT642	19.642	Wireless Power Transfer System	3:0:3(6)	Spring	
	GT814	19.814	Special Topics in Operation & Management for Green Transportation	3:0:3	Spring-Fall	
	GT829	19.829	Special Topics in Green Logistics	3:0:3	Spring-Fall	
	GT833	19.833	Special Topics on Next Generation Surface Vehicle Technology	3:0:3	Spring-Fall	
	GT843	19.843	Special Topics on Green Railway Vehicle Technology	3:0:3	Spring-Fall	
GT859	19.859	Special Topics in Green Ocean Transportation	3:0:3	Spring-Fall		
GT869	19.869	Special Topics on next generation aviation transportation system	3:0:3	Spring-Fall		
Research	GT960	19.960	M.S. Thesis		Spring-Fall	
	GT966	19.966	Green Transportation Seminar(M.S.)	1:0:1	Spring-Fall	
	GT980	19.980	Ph.D. Thesis		Spring-Fall	
	GT986	19.986	Green Transportation Seminar(Ph.D.)	1:0:1	Spring-Fall	

※Course classification, course title, and mutual recognition of credits may differ according to the effective year of the requirements.