



Graduate Engineering Course Offering Schedule

Course Number and Title	J-Term	Spring	Summer	Fall
ETLS501-Production and Operating Systems		X		
ETLS502-Manufacturing Processes				X
ETLS504-Excellence in Operations				X
ETLS505-Managerial Accounting and Performance Management		X		X
ETLS506-Statistical Methods for Manufacturing Quality		X		X
ETLS507-Introduction to Systems Engineering		X		X
ETLS508-Systems Design		X		
ETLS509-Verification and Validation: Integration and Beyond				X
ETLS511-Circuit Analysis				X
ETLS512-Control Systems & Automation		X		
ETLS520-Design and Manufacturing in the Medical Device Industry				X
ETLS551-Strategic Quality Management				X
ETLS552-Supply Chain Synchronization				X
ETLS555-Advanced Product Design				X
ETLS570-Purchasing, Logistics, and Distribution		X		
ETLS591-Advanced Thermal Systems		X	X	
ETLS601-Program/Project/Team Management		X		X
ETLS620-Analog Communication Systems		X		
ETLS621-Digital Communication Systems				X
ETLS640-Lean Six Sigma		X		
ETLS652-Technology Forecasting and Risk Management		X		X
ETLS660-Engineering Leadership			X	X
ETLS671-Human Aspects of Technical Management	X		X	
ETLS672-Excellence in Product Design		X		
ETLS674-Managing for Improved Performance		X		
ETLS675-Digital Signal Processing I		X		
ETLS676-Digital Signal Processing II				X
ETLS677-Sustainable Development Strategies			X	
ETLS701-Design of Experiments				X
ETLS720-Anatomy and Physiology for Medical Devices				X
ETLS721-Medical Device Regulatory Submissions				X
ETLS722-Medical Device Quality Systems				X
ETLS724-Medical Device Clinical Studies		X		

Course Number and Title	J-Term	Spring	Summer	Fall
ETLS730-Cardiovascular Anatomy, Physiology and Medical Devices				X
ETLS731-Combination Products, Drugs, and Biologics		X		
ETLS734-Clinical Evidence and Reimbursement		X		
ETLS735-Preclinical Activities			X	
ETLS737-International Regulatory Affairs for Medical Devices		X		
ETLS741-Heat Transfer & Fluid Flow				X
ETLS744-Introduction to Power Systems		X		X
ETLS745-Power Systems Operations and Controls		X		
ETLS746-Power Electronics		X		
ETLS747-Electrical Machines		X		
ETLS748-Renewable Energy Generation				X
ETLS751-Electromagnetic Fields and Waves		X		
ETLS770-Automated Control of Manufacturing Processes				X
ETLS771-Materials Engineering				X
ETLS774-Introduction to Mechatronics			X	
ETLS775-Polymers in Design	X			
ETLS777-Finite Element Analysis	X		X	X
ETLS783-Practical Study and Training (for working International students)	X	X	X	X
ETLS789-Simulation and Visualization of Dynamic Systems				X
ETLS810-Advanced Controls		X		
ETLS851-Enterprise Information Systems		X		
ETLS853-Managing Intellectual Property		X		
ETLS858-Engineering Capstone		X		X
ETLS880-Independent Research Project	X	X	X	X
ETLS881-Engineering Research Project	X	X	X	X

*Info subject to change and designed as guideline only, consult faculty advisor with questions. Revised 4/3/2018.