

MECHANICAL ENGINEERING

2020-21 GRADUATE COURSE OFFERINGS

2020-September-18

Course	Course Title	Term	Instructor	Location	Class Start	Class End	Lecture Dates & Time	Notes
Mech Eng 6BB3	BIOMECHANICS	1	G. WOHL	ONLINE	2020-Sep-08	2020-Dec-09	T, W, F 12:30 PM-1:20 PM	
Mech Eng 6K03	ROBOTICS	1	F. YAN	ONLINE	2020-Sep-08	2020-Dec-09	M, W, Th, 1:30 PM-2:20 PM	
Mech Eng 6Q03	MECHANICAL VIBRATIONS	1	S. VELDHUIS	ONLINE	2020-Sep-08	2020-Dec-09	M, W, Th 10:30 AM - 11:20 AM	
Mech Eng 6T03	FINITE ELEMENT APPLICATIONS	1	P. WU	ONLINE	2020-Sep-08	2020-Dec-09	Mondays 7:00 PM - 10:00 PM	
Mech Eng 6U03	COMPRESSIBLE FLOW & TURBOMACHINERY	1	S. TULLIS	ONLINE	2020-Sep-08	2020-Dec-09	M, W 2:30 PM - 3:20 PM	
Mech Eng Chem Eng 706	ADVANCED HEAT TRANSFER	1	R. JUDD	ONLINE	2020-Sep-16	2020-Dec-09	Wednesdays, 8:30 AM - 11:30 AM	
Mech Eng 714	SOLIDIFICATION PROCESSING	1	S. SHANKAR	ONLINE	2020-Sep-08	2020-Dec-08	Tuesdays 2:00 PM-5:00 PM	
Mech Eng 726	MATERIALS CHARACTERIZATION	1	N. BASSIM	ONLINE	2018-Sep-08	2020-Dec-31	W, T 12:00 PM-2:00 PM	
Mech Eng SEP 735	ADDITIVE MANUFACTURING	1	M. YAKOUT	ONLINE	2020-Sep-08	2020-Dec-15	Fridays, 8:30 AM-11:30 AM	
Mech Eng 745	ANALYTICAL FRACTURE & FRACTURE MECHANICS	1	M. JAIN	ONLINE	2020-Sep-08	2020-Dec-15	Tuesday 1:00 PM-2:30 PM	
Mech Eng 753	ADVANCED FLUID MECHANICS	1	M. HAMED	ONLINE	2020-Sep-15	2020-Dec-15	Tuesdays 2:00 PM-5:00 PM	
Mech Eng 754	ELECTRIC VEHICLE BATTERIES	1	R. AHMED	ONLINE	2020-Sep-15	2020-Dec-15	Thursdays 7:00 PM-9:30 PM	
Mech Eng 755	ADVANCED CONTROL ON INTERNAL COMBUSTION ENGINES	1	F. YAN	ONLINE	2020-Sep-09	2020-Dec-09	Wednesdays 9:00 AM-12:00 PM	
Mech Eng 756	COMPUTATIONAL FLUID DYNAMICS	1	M. LIGHTSTONE	ONLINE	2020-Sep-17	2020-Dec-10	Thursdays 1:30 PM-4:30 PM	
Mech Eng 758(1)	GRADUATE SEMINARS IN MECHANICAL ENGINEERING	1	R. L. JUDD	ONLINE	2020-Sep-04	2020-Dec-11	Fridays 9:30 AM - 10:30 AM	
Mech Eng 759	PROTOTYPING TOOLS & METHODS, HARDWARE	1	P. HALE	ONLINE	2020-Sep-12	2020-Dec-17	Saturdays 7:00 PM-10:00 PM	
Mech Eng SEP 786	ARTIFICIAL INTELLIGENCE	1	J. FORTUNA	ONLINE	2020-Sep-12	2020-Oct-31	Sundays 8:00 AM-11:00 AM	
Mech Eng SEP 787	MACHINE LEARNING	1	J. FORTUNA	ONLINE	2020-Nov-01	2020-Dec-13	Sundays 8:00 AM-11:00 AM	
Mech Eng SEP 788	NEURAL NETWORKS	1	H. TEIMOORI	ONLINE	2020-Sep-13	2020-Oct-31	Saturdays 7:00 AM-10:00 AM	
Mech Eng SEP 789	DEEP LEARNING & APPLICATIONS	1	H. TEIMOORI	ONLINE	2020-Oct-31	2020-Dec-13	Saturdays 7:00 AM-10:00 AM	
Mech Eng 6CC3	EXPERIMENTAL & COMPUTATIONAL BIOMECHANICS	2	C. QUENNEVILLE	ONLINE	2020-Jan-06	2020-Apr-09	T, Th, F 11:30 AM - 12:20 PM	
Mech Eng 6203	CAD/CAM/CAE (for Master of Engineering students only)	2	TBA	ONLINE	2020-Jan-06	2020-Apr-09	Mondays 7:00 PM-10:00 PM	
Mech Eng 710	MACHINE TOOL ANALYSIS	2	S. VELDHUIS	ONLINE	2020-Jan-06	2020-Apr-09	TBA	
Mech Eng 712	BIOINSPIRED ENGINEERING	2	T. DIDAR	ONLINE	2020-Jan-06	2020-Apr-09	TBA	
Mech Eng BIOMED 717	ORTHOPAEDIC BIOMECHANICS	2	C. QUENNEVILLE	ONLINE	2020-Jan-12	2020-Apr-06	Tuesdays 1:30 PM - 4:30 PM	
Mech Eng MATLS 724 725	INTRO TO TRANSMISSION ELECTRON MICROSCOPY	2	M. LAGOS PAREDES	ONLINE	2020-Jan-04	2020-Apr-30	Wednesdays 6:00 PM-9:00 PM	
Mech Eng 728	MANUFACTURING PROCESSES I	2	P. KOSHY	ONLINE	2020-Jan-18	2020-Apr-26	M & Th 3:00 PM - 4:30 PM	
Mech Eng SEP 729	MANUFACTURING SYSTEMS	2	F. LEFEVRE-SCHLICK	ONLINE	2020-Jan-01	2020-Apr-30	TBA	
Mech Eng SEP 735	ADDITIVE MANUFACTURING	2	M. YAKOUT	ONLINE	2020-Jan-01	2020-Apr-30	Mondays 9:30 AM-12:30 AM	
Mech Eng 736	HEV & BEV POWERTRAIN RESEARCH & DEVELOPMENT	2	R. AHMED/S. HABIBI	ONLINE	2020-Jan-01	2020-Apr-30	Fridays 11:00 AM-1:30 PM	
Mech Eng CSE 751	ADVANCED MECHANICAL ENGINEERING CONTROL SYSTEMS	2	G. BONE	ONLINE	2020-Jan-11	2020-Apr-26	M 10:00 AM-12:00 PM; 1:00 PM-2:00 PM	
Mech Eng Eng Phys 752 Chem Eng 750 752	ADVANCED MEMS FABRICATION AND MICROFLUIDICS	2	R. SELVAGANAPATHY	ONLINE	2020-Jan-12	2020-Apr-13	Tuesdays 1:00 PM-4:00 PM	
Mech Eng 758(2)	GRADUATE SEMINARS IN MECHANICAL ENGINEERING	2	R. L. JUDD	ONLINE	2020-Jan-01	2020-Apr-30	Mondays 1:30 PM - 2:30 PM	
Mech Eng 762	COMPUTATIONAL MODELLING OF THE CIRCULATORY SYSTEM	2	Z. K. MOTAMED	ONLINE	2020-Jan-04	2020-Apr-05	Mondays 10:00 AM - 1:00 PM	
Mech Eng SEP 786	ARTIFICIAL INTELLIGENCE	2	J. FORTUNA	ONLINE	2020-Jan-01	2020-Feb-28	TBA	
Mech Eng SEP 787	MACHINE LEARNING	2	J. FORTUNA	ONLINE	2020-Mar-04	2020-Apr-30	TBA	
Mech Eng SEP 788	NEURAL NETWORKS	2	H. TEIMOORI	ONLINE	2020-Jan-01	2020-Feb-28	TBA	
Mech Eng SEP 789	DEEP LEARNING & APPLICATIONS	2	H. TEIMOORI	ONLINE	2020-Mar-04	2020-Apr-30	TBA	