

MECHANICAL ENGINEERING

2018 - 2019 GRADUATE COURSE OFFERINGS

2018-November-08

Course	Course Title	Term	Instructor	Location	Class Start	Class End	Lecture Dates & Time	Notes
Mech Eng 6BB3	BIOMECHANICS	1	G. WOHL	BSB 137	2018-Sep-04	2018-Dec-05	Tues,Thurs,Fri 11:30 AM-12:20 PM	
Mech Eng 6K03	ROBOTICS	1	B. WEI	HH 109	2018-Sep-04	2018-Dec-05	Tuesdays, 7:00 PM-10:00 PM	
Mech Eng 6Q03	MECHANICAL VIBRATIONS	1	S. VELDHUIS	ITB AB102	2018-Sep-04	2018-Dec-05	Mon,Wed,Thurs, 1:30 PM - 2:20 PM	
Mech Eng 6T03	FINITE ELEMENT APPLICATIONS	1	P. WU	BSB 137	2018-Sep-04	2018-Dec-05	Thursdays, 7:00 PM - 10:00 PM	
Mech Eng 6V03	THERMO-FLUIDS SYSTEMS DESIGN & ANALYSIS	1	C. CHING	ABB 102	2018-Sep-04	2018-Dec-05	Tues,Wed,Fri, 12:30 PM - 1:20 PM	
Mech Eng Chem Eng 706	ADVANCED HEAT TRANSFER	1	R. JUDD	JHE 219	2018-Sep-12	2018-Dec-05	Wednesdays, 8:30 AM - 11:30 AM	
Mech Eng 708	TWO-PHASE FLOW AND HEAT TRANSFER	1	J. COTTON	JHE 219	2018-Sep-04	2018-Dec-11	Tuesdays, 9:00 AM - 12:00 PM	
Mech Eng Chem Eng 712	BIO-INSPIRED ENGINEERING	1	T. DIDAR	JHE 219	2018-Sep-04	2018-Dec-11	Tuesdays, 3:00 PM-6:00 PM	
Mech Eng 714	SOLIDIFICATION PROCESSING	1	S. SHANKAR	JHE 323	2018-Sep-12	2018-Dec-12	Wednesdays, 9:00 AM-11:00 AM	
Mech Eng BIOMED 717	CURRENT TOPICS IN ORTHOPAEDIC BIOMECHANICS	1	C. QUENNEVILLE	JHE 323	2018-Sep-04	2018-Dec-31	Fridays, 10:00 AM-1:00 PM	
Mech Eng 729	MANUFACTURING SYSTEMS	1	F. LEFEVRE-SCHLICK	ETB 535	2018-Sep-10	2018-Dec-14	Tuesdays, 3:00 PM-4:00 PM	
Mech Eng 734	THEORY OF PLASTICITY	1	M. JAIN	JHE 219	2018-Sep-07	2018-Nov-30	Fridays, 2:00 PM-5:00 PM	
Mech Eng Eng Phys 752 Chem Eng 750	ADVANCED MEMS FABRICATION AND MICROFLUIDICS	1	R. SELVAGANAPATHY	JHE 323	2018-Sep-05	2018-Dec-05	Wednesdays, 1:00 PM-4:00 PM	
Mech Eng 753	ADVANCED FLUID MECHANICS	1	M. HAMED	JHE 219	2018-Sep-13	2018-Dec-13	Thursdays,9:00 AM-12:00 PM	
Mech Eng 758(1)	GRADUATE SEMINARS IN MECHANICAL ENGINEERING	1	R. L. JUDD	T13 127	2018-Sep-04	2018-Dec-11	Tuesdays, 1 :30 PM - 2:30 PM	
Mech Eng 759	PROTOTYPING TOOLS & METHODS, HARDWARE	1	P. HALE	MARC 269	2018-Sep-10	2018-Dec-14	Mondays, 6:30 PM-9:30 PM	
Mech Eng 761	INDUSTRIAL COMPONENTS, NETWORKS & INTEROPERABILITY	1	T. WANYAMA	ETB B111	2018-Sep-10	2018-Dec-14	Mondays, 9:30 AM-12:30 PM	
Mech Eng 762	COMPUTATIONAL MODELING OF CIRCULATORY SYSTEM	1	Z. K. MOTAMED	JHE 219	2018-Sep-07	2018-Dec-14	Fridays, 10:00 AM-1:00PM	
Mech Eng 6CC3	EXPERIMENTAL & COMPUTATIONAL BIOMECHANICS	2	C. QUENNEVILLE	ETB 237	2019-Jan-07	2019-Apr-12	Mondays,Thursdays, 12:30 PM -1:20 PM	
Mech Eng 6L03	INDUSTRIAL DESIGN	2	V. SOWA	HH 305	2019-Jan-04	2019-Apr-12	Mondays, 6:30 PM-9:30 PM	
Mech Eng 6U03	COMPRESSIBLE FLOW & TURBOMACHINERY	2	S. TULLIS	HH 102	2019-Jan-07	2019-Apr-12	Mon,Wed,Thurs, 1:30 PM -2:20 PM	
Mech Eng 6Z03	CAD/CAM/CAE (for Master of Engineering students only)	2	P. HALE	HH 302	2019-Jan-07	2019-Apr-12	Thursdays, 7:00 PM-10:00 PM	
Mech Eng 709	INTRODUCTION TO TURBULENT FLOWS	2	S. TULLIS	JHE 323	2019-Jan-07	2019-Apr-12	Tuesdays, 1:00 PM - 4:00 PM	
Mech Eng 710	MACHINE TOOL ANALYSIS	2	S. VELDHUIS	JHE 219	2019-Jan-07	2019-Apr-12	TBA	
Mech Eng BIOMED 715	BIOMECHANICS OF INJURY & PREVENTION	2	G. WOHL	TBA	2019-Jan-07	2019-Apr-12	Mondays, 9:30 AM - 12:30 PM	
Mech Eng 728	MANUFACTURING PROCESSES I	2	P. KOSHY	JHE 219	2019-Jan-07	2019-Apr-12	Tues,Fri, 9:30 AM - 11:00 AM	
Mech Eng 729	MANUFACTURING SYSTEMS	2	F. LEFEVRE-SCHLICK	TBA	2019-Jan-11	2019-Apr-12	TBA	
Mech Eng 736	SPECIAL TOPICS: HYBRID & BATTERY ELECTRIC VEHICLE POWERTRAIN DESIGN & DEVELOPMENT	2	S. HABIB/R. AHMED	JHE 219	2019-Jan-07	2019-Apr-12	Fridays, 12:00 PM-2:30PM	
Mech Eng CSE 751	ADVANCED MECHANICAL ENGINEERING CONTROL SYSTEMS	2	G. BONE	JHE 323	2019-Jan-07	2019-Apr-12	Mondays, 1:30 PM-4:30 PM	
Mech Eng 754	MANAGEMENT & CONTROL OF ELECTRIC VEHICLE BATTERIES	2	R. AHMED	TBA	2019-Jan-07	2019-Apr-12	TBA	
Mech Eng CSE 756* CSE #719	INTRODUCTION TO COMPUTATIONAL FLUID DYNAMICS	2	M. Lightstone	JHE 323	2019-Jan-07	2019-Apr-12	Thursdays, 10:00 AM - 1:00 PM	
Mech Eng 758(2)	GRADUATE SEMINARS IN MECHANICAL ENGINEERING	2	R. L. JUDD	PC 155	2019-Jan-09	2019-Apr-03	Wednesdays, 10:30 AM - 11:30 AM	
Mech Eng 759	PROTOTYPING TOOLS & METHODS, HARDWARE	2	P. HALE	MARC 269	2019-Jan-07	2019-Apr-03	TBA	
Mech Eng 760	ELECTRIC DRIVE VEHICLES	2	D. CENTEA	TBA	2019-Jan-07	2019-Apr-03	TBA	
Mech Eng 761	INDUSTRIAL COMPONENTS, NETWORKS & INTEROPERABILITY	2	T. WANYAMA	TBA	2019-Jan-07	2019-Apr-03	TBA	