

List of Subjects Offered to Exchange/Study Abroad Students for Semester 2 (Spring) 2019/20

Department of Mechanical Engineering

Subject Code (Please insert hyperlink to the subject syllabi)	Subject Name	Credits	Eligible Student Type [see *]	Limitation [see **]	Eligible Student (Year 1) (Y/N)	Eligible Student (Year 2) (Y/N)	Eligible Student (Year 3) (Y/N)	Eligible Student (Year 4 or above) (Y/N)
ME31002	LINEAR SYSTEMS AND CONTROL	3	All	N/A	N	need to fulfill pre-requisite	Y	Y
ME32001	MANUFACTURING FUNDAMENTALS	3	All	N/A	N	need to fulfill pre-requisite	Y	Y
ME32002	ENGINEERING DESIGN FUNDAMENTALS	3	All	N/A	N	need to fulfill pre-requisite	Y	Y
ME33001	MECHANICS OF MATERIALS	3	All	N/A	N	need to fulfill pre-requisite	Y	Y
ME34003	THERMOFLUID MECHANICS	3	All	N/A	N	need to fulfill pre-requisite	Y	Y
ME34004	FLUID MECHANICS	3	All	N/A	N	need to fulfill pre-requisite	Y	Y
ME41004	MECHATRONICS AND CONTROL	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME42004	DEVELOPMENT OF GREEN PRODUCTS	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME42005	CAD/CAE TECHNOLOGIES FOR PRODUCT DEVELOPMENT	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME42006	PRODUCT MODELING AND PROTOTYPING	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME42007	DESIGN FOR PRODUCT SAFETY AND RELIABILITY	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME42011	FUNDAMENTALS OF ROBOTICS	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME43003	PRODUCT TESTING TECHNOLOGY	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME44001	AIR CONDITIONING FOR INDOOR THERMAL AND ENVIRONM	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME44002	ENGINE TECHNOLOGY	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME44003	COMBUSTION AND POLLUTION CONTROL	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME45002	AIRCRAFT SYSTEMS	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME46002	NUMERICAL METHODS FOR ENGINEERS	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME47005	AIRCRAFT PERFORMANCE AND FLIGHT MANAGEMENT	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y

Remarks:

* Eligible Student Type

'ALL' = open to all exchange/ study abroad students including those admitted to other departments

'Dept' = open to exchange/ study abroad students who are admitted to this department only

** Limitation

'N/A' = open to all exchange/ study abroad students

'(programme code and/or stream code)' = only open to exchange/study abroad students who are enrolled in specific discipline/stream/programm