

List of Subjects Offered to Exchange/Study Abroad Students for Semester 1 (Fall) 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)
ME22003	VISUALIZATION AND COMMUNICATION IN DESIGN ENGINEERING	3	All	N/A	N	need to fulfill pre-requisite	Y	Y
ME23001	ENGINEERING MECHANICS	3	All	N/A	N	need to fulfill pre-requisite	Y	Y
ME31001	DYNAMICS AND VIBRATIONS	3	All	N/A	N	need to fulfill pre-requisite	Y	Y
ME31003	SYSTEM DYNAMICS	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
ME33001	MECHANICS OF MATERIALS	3	All	N/A	N	need to fulfill pre-requisite	Y	Y
ME34002	ENGINEERING THERMODYNAMICS	3	All	N/A	N	need to fulfill pre-requisite	Y	Y
ME41003	PRINCIPLES OF SOUND AND VIBRATION	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	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
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
ME42008	COMPUTER-AIDED TECHNOLOGY FOR DESIGN	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
ME44004	HEAT AND MASS TRANSFER	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME45001	AERODYNAMICS	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME46001	NUMERICAL PREDICTIVE PRODUCT ANALYSIS	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME47010	AIRWORTHINESS	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