

List of Subjects Offered to Exchange/Study Abroad Students for Semester 2 (Spring) 2018/19

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
ME31003	System Dynamics	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
ME37003	Aircraft Propulsion System	3	All	N/A	N	need to fulfill pre-requisite	Y	Y
ME37010	Air Transport Operations	3	All	N/A	N	need to fulfill pre-requisite	Y	Y
ME41005	Noise Control Engineering	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME42001	Artificial Intelligence in Products	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
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
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 Environmental Quality	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
ME45001	Aerodynamics	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
ME47002	Engineering Composites	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