

Faculty of Mechanical and Aerospace Engineering

No	Code	Course	Credit	Lecture	Reguler Int. Student	Double Degree	Student Exchange	Semester	
								1 (August - December)	2 (January - May)
Undergraduate									
1	AE2100	Introduction to Aerospace Engineering	2	Hari Muhammad			√	√	
2	AE3100	Incompressible Aerodynamics	3	Djoko Sardjadi			√	√	
3	MS2100	basic engineering Analysis	2	Nathanael Panagung Tandian			√	√	
4	MS2111	Strenght of Materials	3	Tatacipta Dirgantara			√		√
5	MS2112	Kinematics and Dynamics of Machinery	4	Andi Isra Mahyuddin			√		√
6	MS3100	Engineering Measurements	2	Zainal Abidin			√	√	
7	MS3110	Basic Mechanical Vibration	2	Zainal Abidin			√	√	
8	MS4011	Finite Element Method	3	M. Agus Kariem			√		√
9	MS4033	Internal Combustion Engines	3	Imam Kartolaksono	√			√	
10	MS4105	Engineering Design II	2	Djoko Suharto			√	√	
11	MS4182	Industrial Automation	3	Muljowidodo Kartidjo		√		√	
12	MT4021	Conventional Ceramics	2	Aditianto Ramelan			√	√	
13	MT4022	Ceramics Refractory	2	Aditianto Ramelan			√	√	
GRADUATE									
1	AE5000	Advance Mathematics I	3	Rianto Adhy Sasongko	√			√	
2	AE5011	Computational Fluid Dynamics I	3	Mochammad Agoes Moelyadi	√			√	

3	AE5016	Viscous Flow	3	Lavi Rizki Zuhul	√			√	
4	AE5020	Review in Flight Mechanics	3	Hendarko	√				√
5	AE6001	Continuum Mechanics 2	3	Lavi Rizki Zuhul	√			√	
6	AE6043	Special Topics in Lightweight Structures	3	Ichsan Setya Putra	√			√	
7	MS5001	Engineering Analysis I	3	Nathanael Panagung Tandian			√		√
8	MS5012	Advanced Mechanic in Designing Process	3	Rachman Setiawan	√			√	
9	MS5022	Machinery Vibration	3	Zainal Abidin	√			√	
10	MS5030	Special Topics in Energy Conversion A	3	Imam Kartolaksano	√			√	
11	MS5031	Heat Exchanger	3	Abdurrachim		√	√		√
12	MS5032	Basics of Thermal Engineering	3	Yuli Setyo Indartono	√	√	√		√
13	MS5033	Advance Thermodynamics	3	Prihadi Setyo Darmanto	√			√	
14	MS5035	Advance Heat Transfer	3	Jooned Hendrarsakti	√				√
15	MS5037	Advance Fluid Machinery	3	Priyono Soetikno	√	√	√	√	
16	MS5041	Renewable Energy	3	Yuli Setyo Indartono	√			√	
17	MS5043	Solar Cell	3	Brian Yulianto	√			√	
18	MS6034	Air Conditioning System	3	Prihadi Setyo Darmanto			√		√
19	MS6041	Thermal System Optimazation and Energy Management	3	Aryadi Suwono	√				√