

Bachelor of Engineering (Mechanical), Part Time Degree

Year	Semester	Course code	Course title	Contact hours [In person]	Contact hours [Online]	Asynchronous hours	Credits
1	1	EL6001	English for EDICT 1	4	0	0	15
1	1	EN6907	Mathematics For Engineers 1	2	2	2	15
1	1	EN6990	Engineering Practice	4	0	2	15
1	1	EN6000	Electrical Fundamentals	2	2	2	15
1	2	EL6002	English for EDICT 2	4	0	0	15
1	2	EN6914	Mathematics For Engineers 2	2	2	2	15
1	2	EN6903	Mechanical Fundamentals	2	2	0	15
1	2	EN6010	Engineering Computing Fundamentals	4	0	0	15
	Summer Term 1	NR	National Requirement	0	0	4	15
2	1	EN6902	Engineering Mechanics 2	4	0	0	15
2	1	EN6904	Engineering Graphics	4	0	0	15
2	1	EN7917	Fluid Mechanics	4	0	2	15
2	2	EN6107	Material Science 1	4	0	0	15
2	2	EN7908	Manufacturing, Control, and Environmental Sustainability	4	0	0	15
2	3	EN7919	Thermodynamics	4	0	2	15
2	3	ED7000	Applied Project	0	4	0	15
	Summer Term 2	EN8001	Engineering work placement				0
3	1	EN7923	Mechanical Project 1 (Design and Analysis of Mechanical Components)	6	0	2	30
3	1	EN8923	Engineering Project Management	2	0	0	10
3	1	EE6003	Introduction to AI for Engineers (elec)	2	2	0	15
3	2	EN7924	Mechanical Project 2 (Fabrication and Manufacturing)	8	0	2	30
3	2	EN8924	Quality and Reliability Engineering	0	1	0	5
3	2	EE6000	Intro to ESG (Elective)	0	2	0	15
3	2	EN7923	Instrumentation and Automatic Control	4	0	2	15
	Summer Term 3	EN8001	Engineering work placement				0
4	1	EN8905	Energy, Environment and Sustainability	0	4	0	15
4	1	EN8906	Vibration, Noise and Mechanics of Machine	4	0	0	15
4	1	EN8918	Applied and Process Heat Transfer	2	2	0	15
4	1	EN8908	Manufacturing Processes	3	0	0	10
4	1	EN8913	Project Proposal	1	0	0	5
4	2	EN8912	Applied Thermodynamics	4	0	0	15
4	2	ELEC	Elective	2	2	0	15
4	2	EN8914	Co-operative Learning Project	1	0	0	30
							480