

Qualification Code	Module Combination Title	Module Owner Department Description	Module Faculty Department Description	Credit	Semester	Exam %	Continuous
ECSAX	CA208 CSC1018 Logic	COMPUTING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	50	50
ECSAX	CA216 CSC1021 Operating Systems	COMPUTING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	70	30
ECSAX	CA267 CSC1029 Software Testing	COMPUTING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	0	100
ECSAX	CA269 CSC1031 Computer Programming 4 (Object Oriented Prog)	COMPUTING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	50	50
ECSAX	CA271A CSC1157 Introduction to Machine Learning	COMPUTING	FACULTY OF ENGINEERING AND COMPUTING	7.5	Semester 2	0	100
ECSAX	CA274 CSC1033 Programming for Data Analysis	COMPUTING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	0	100
ECSAX	CA279 CSC1036 COMPUTING	COMPUTING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	0	100
ECSAX	CA360 CSC1091 Communication Skills	COMPUTING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	0	100
ECSAX	CA4006 CSC1101 Concurrent and Distributed Programming	COMPUTING	FACULTY OF ENGINEERING AND COMPUTING	7.5	Semester 2	50	30
ECSAX	CA4007 CSC1102 Computer Graphics and Image Processing	COMPUTING	FACULTY OF ENGINEERING AND COMPUTING	7.5	Semester 2	70	30
ECSAX	CA4012 CSC1105 Machine Translation	COMPUTING	FACULTY OF ENGINEERING AND COMPUTING	7.5	Semester 2	70	30
ECSAX	CA4109 CSC1117 Machine Learning	COMPUTING	FACULTY OF ENGINEERING AND COMPUTING	7.5	Semester 2	0	100
ECSAX	EE202 EEN1017 Embedded Systems	ELECTRONIC ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	75	25
ECSAX	EE219 EEN1021 C/C++ Programming for Engineers	ELECTRONIC ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	75	25
ECSAX	EE303 EEN1025 Mobile Robotics	ELECTRONIC ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	0	100
ECSAX	EE321 EEN1030 Data Communications & Networks II	ELECTRONIC ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	75	25
ECSAX	EE322 EEN1031 Analogue Circuits & Design	ELECTRONIC ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	75	25
ECSAX	EE417 EEN1037 Web Application Development	ELECTRONIC ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	7.5	Semester 2	0	100
ECSAX	EE445 EEN1040 Bioelectronics	ELECTRONIC ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	7.5	Semester 2	70	30
ECSAX	EE454 EEN1045 Optical Communications System Design	ELECTRONIC ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	7.5	Semester 2	80	20
ECSAX	EE459 EEN1048 Mechatronic System Simulation & Control	ELECTRONIC ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	7.5	Semester 2	70	30
ECSAX	EE497 EEN1057 3D Interface Technologies	ELECTRONIC ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	7.5	Semester 2	75	25
ECSAX	EM112 EEG1003 Engineering Mechanics-Statics	MECHANICAL ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	0	100
ECSAX	EM114 EEG1005 Numerical Problem Solving for Engineers	ELECTRONIC ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	0	100
ECSAX	EM122 EEG1008 Engineering Mathematics II	MECHANICAL ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	75	25
ECSAX	EM202 EEG1010 Engineering Mathematics IV	ELECTRONIC ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	70	30
ECSAX	MM203 MEC1000 Engineering Mechanics - Dynamics	MECHANICAL ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	80	20
ECSAX	MM212 MEC1004 Mechanics of Materials II	Mechanical Engineering	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	80	20
ECSAX	MM227 MEC1006 Thermofluid Mechanics	MECHANICAL ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	80	20
ECSAX	MM228 MEC1007 Biomechanics of Human Movement	MECHANICAL ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	70	30
ECSAX	MM232 MEC1008 Pneumatics & Hydraulics	MECHANICAL ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	75	25
ECSAX	MM235 MEC1009 Manufacturing Processes 2	MECHANICAL ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	80	20
ECSAX	MM3002 MEC1012 Project for Exchange / Study Abroad	MECHANICAL ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	15	Semester 2	0	100
ECSAX	MM353 MEC1026 Fundamentals of Control	MECHANICAL ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	80	20
ECSAX	MM401 MEC1031 Mechanical Engineering System Simulation	MECHANICAL ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	7.5	Semester 2	60	40
ECSAX	MM413 MEC1034 Biomaterials & Processing Technology	MECHANICAL ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	70	30
ECSAX	MM451 MEC1042 Design For Manufacture and Assembly	MECHANICAL ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	7.5	Semester 2	80	20

ECSAX	MM459 MEC1044 Robotics	MECHANICAL ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	5	Semester 2	80	20
ECSAX	MM485 MEC1045 Operations Research Methods	MECHANICAL ENGINEERING	FACULTY OF ENGINEERING AND COMPUTING	7.5	Semester 2	70	30