Electrical and Electronics Engineering

The University of Manchester

1st Year		
01	EEE	Microcontroller Engineering-1
02	EEE	Electronic Materials
03	EEE	Circuit Analysis
04	EEE	Digital System Design-1
05	EEE	Energy Transport and Conversion
06	EEE	Electromagnetic Fields
07	EEE	Electronic Circuit Design-1
08	EEE	C Programming
09	EEE	Measurements and Analytical Software
10	MAT	Vector, Coordinate Systems, Complex Numbers, Hyperbolic Functions, Differentiation, Integration
11	MAT	Integration, Series, Multivariate Calculus, Differential Equations,
2nd Year		
01	EEE	Microcontroller Engineering-2
02	EEE	Machines, Drives, and Power Electronics
03	EEE	Digital System Design-2
04	EEE	Electronic Circuit Design-2
05	EEE	Signals and Systems
06	EEE	Generation and Transport of Electrical Energy
07	EEE	Control Systems-1
08	EEE	Analogue and Digital Communications
09	EEE	Engineering Management
10	EEE	Embedded Systems Project
11	MAT	Laplace Transforms, Vector Calculus, Linear Algebra
3rd Year		
01	EEE	Numerical Analysis
02	EEE	Data Networking
03	EEE	Digital Signal Processing
04	EEE	Transmissions Lines and Optical Fibers
05	EEE	Computer Systems Architecture
06	EEE	Control Systems-2
07	EEE	Power Electronics
08	EEE	Sensors and Instrumentation
09	EEE	Power System Analysis
10	EEE	Power System Plant and Protection
11	EEE	Concurrent Systems
12	EEE	Digital Mobile Communications
13	EEE	Electrical Drive Systems
14	EEE	High Speed Digital and Mixed Signal Design
15	MCEL	Commercial Technology Development