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| **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 |