ELECTRONICS - BASED DEGREES

Electronics Core
Take all courses

1. Computing I
2. Computing II
3. Computer Organisation
4. Circuits & Signals
5. Logic Circuits
6. Field Theory
7. Solid State Physics
8. Analog Circuit I
9. Analog Circuit II
10. Electronics Principles
11. Digital Design
12. Quality and Reliability
13. Information Theory
14. Digital Communications
15. Signal Processing

Electronics

1. Linear Systems
2. Electronic Materials and Devices I
3. Electronic Materials and Devices II
4. Electronic Instruments
5. Portable Instruments
6. Microprocessor
7. EL Project I
8. EL Project II

Information and Communication Technology

1. Computer Networks
2. Information and Communication Technology
3. Network Design
4. Wireless Computing
5. Wireless Communication
6. Satellite & Optical Communication
7. ICT Project I
8. ICT Project II

LAN Courses
Take 3 courses

1. Bahasa Kebangsaan A **or**
2. Bahasa Kebangsaan B
3. Pengajian Malaysia
4. Pengajian Islam **or**
5. Pengajian Moral

University Courses
Take all courses

1. University Mathematics
2. Writing Skills for University Studies
3. English for the Workplace
4. Communication for the Workplace
5. Learning Skills for University Studies
6. Basic Computing and the Internet

Elective Courses
Take any two courses

1. Matrices and Linear Algebra
2. Applied Mathematics
3. Theory of Computation
4. Statistics 1
5. Statistics 2
6. Principles and Practice of Management
7. Principles of Marketing
8. Electronic Technology
9. Engineering Mathematics
10. Control System
11. Microelectronics