3+0 BACHELOR OF ENGINEERING (HONS) IN ELECTRICAL AND ELECTRONIC ENGINEERING

This three years engineering course allows students to access to the latest technologies in the fields of electrical and electronic engineering. From the outset the emphasis is placed on innovation, design and development which will enrich students' technical and transferable skills.

In collaboration with Coventry University, UK

In collaboration with Motorola Solutions

Motorola Solutions Foundation

Career opportunities

Technical Support Engineer, Design / Research & Development Engineer, Production Engineer or Service Engineer, Test Development Engineer

Offered at

INTI International College Penang

INTAKES: JAN, APR & AUG

Programme Structure

Year 1
- Analogue and Digital Electronics 1
- Electrical Engineering 1
- Engineering Mathematics 1
- Introduction to Computer Engineering
- Introduction to Project management
- Professional Skills
- Systems Project

Year 2
- Academic Writing 2: Developing Skill in Academic Writing
- Analogue and Digital Electronics 2
- Communication Systems 1 (Elective)
- Control and Instrumentation 1 (Elective)
- Electrical Engineering 2
- Embedded Microprocessors Group Project
- Engineering Mathematics 2

Year 3
- Advanced Digital Systems
- Advanced Electronics
- Communication Systems 2 (Elective)
- Control and Instrumentation 2 (Elective)
- Electrical Power Systems
- Global Leadership
- Individual Project

MPU Subjects

- Community Service & Co-curriculum 3
- Entrepreneurship
- Ethnic Relations (Local students) / Communicating in Malay 2 (International students)
- Islamic & Asian Civilisation (Local students) / Malaysian Studies 3 (International students)
- Presentation Skills
- Bahasa Kebangsaan A*

*For Malaysian students who do not have a credit in SPM BM
Note: This programme does not lead to the recognition from the Board of Engineers Malaysia.