

Advertising Feature

Malaysians are spoilt for choice when it comes to Engineering institutions. Below we highlight the main contenders...

KDU College

KDU's School of Engineering has set up a 'Complete Engineering Path' to train and mould you into a highly "Qualified Engineer" of tomorrow. One that is Technologically Competent, Market Conscious, Commercially Adept, Environmentally Sensitive and Responsive to Human Needs. Since offering the Diploma in Telecommunications and Computer Engineering in 1985, the School has grown in both variety of programmes and number of students. It is now well-known for a wide range of high quality, relevant, affordable and highly employable engineering programmes both at diploma and degree levels.

For those with pre-university Foundations in Engineering/Science, STPM, UEC (or equivalent), KDU offers two exciting choices of 3+0 courses, namely the popular BEng (Hons) in Electronic and Electrical Engineering and the BEng (Hons) in Electronics and Control from the University of Lincolnshire and Humberside, UK. Both are approved by the Ministry of Education and LAN. Those intending to become a Qualified Engineer after STPM, first go through KDU's two-year Diploma in Engineering. Upon completion, students are eligible for advanced standing entry into the B. Eng (Hons) Degree programmes.

To ensure that students are highly employable, the School trains and equips students with the highest technological competence. A range of highly functional Engineering Training Facilities are offered, including a fully-equipped general-purpose Electronics Laboratory; learner-oriented CAI Telecommunications Laboratory; an advanced Machine/Power Electronics Laboratory; spacious Engineering Workshop; well-stocked text, audio and video Technical Resource Centre; sophisticated Project Development Laboratory and a learning and applications Control Laboratory. KDU is also the only private college to have 2Mbps lease-line facilities.

For further information, call 03 7728 8123.

Taylor's College

For a quality engineering degree, Taylor's College offers a variety of options, such as the 1+2 programmes with the University of Sheffield, UK, recently named UK University of the Year by The Sunday Times University Guide. The award recognises an institution based not just on its league table position but also takes into account factors such as student experience and the university's role on regional, national and world stages.



Dr. Patrick Kee, Academic Director

The university's engineering departments have consistently achieved top teaching and research ratings. At Taylor's, students can choose from a range of engineering fields, including Chemical Process Engineering, Electronic and Electrical Engineering and Mechanical Engineering, although students can also gain advanced standing to other engineering areas, such as Civil or Telecommunications Engineering, once they transfer to Sheffield. Over 75% of Taylor's College engineering students graduate with Second Class Honour or higher.

In addition to the arrangements with Sheffield, the engineering programme at Taylor's allows flexibility of transfer to a consortium of eight other UK universities on a 1+2 or 1+3 (Master of Engineering) basis. The consortium currently consists of Warwick, Newcastle upon Tyne, Leicester, Exeter, Cardiff, Queen Mary & Westfield College (University of London), Surrey, and Loughborough. Taylor's has more than 150 engineering students with around 130 going to Sheffield each year. According to Academic Director, Dr Patrick Kee, "Although the majority of our students head to the UK for Engineering, we also provide Australian routes such as with the University of Queensland, University of Western Australia, Swinburne and UTS."

For further information, call 03 5636 2641.

Monash University Malaysia

Monash courses are all 4-year programs that follow on from STPM/ A levels. Entry is based entirely on academic merit and typically students need to be in the top 20% of the graduating class of secondary education. Passes are required in Maths and at least one of Chemistry and Physics. Ideally, students should take both these subjects. Competence in English is also required since all instruction is in English.

The first year of the engineering program is a common year and students make choices at the end of that year about which branch to specialise in. At the Malaysian campus, Monash offers Mechatronics, Mechanical, and Electrical and Computer Systems Engineering. Students may transfer to Australia with full credit into Civil, Chemical, and Materials Engineering at this stage if they wish. They may also transfer or go on exchange for the three other programs and receive full credit since they sit for the same exams as those in Australia.

However, for these three programs, students can complete their Monash University degree in Malaysia. It is one of 4 campuses offering engineering programs and the cost per year in Malaysia is in the order of RM27,000.

There are currently about 250 students enrolled but this will increase to about 400 to 500 as the programs develop. Class sizes (lectures) vary but all tutorial and laboratory classes are limited to 20 students per group.

Monash University Malaysia has already received provisional accreditation from the Institution of Engineers Australia so that graduating students will have qualifications recognised in many countries around the world via the Washington Accord.

For further information, call 03 5636 0600.

INTI College

INTI College, aspiring to become a local, regional and international centre for education excellence, has earned credible reviews for its world class collaborations with reputable foreign partner universities. Engineering students have scored some spectacular successes with more than 92% of the 155 students from INTI graduating with First or Second Class Honours this year from the University of Liverpool, Leeds, Birmingham, Bradford, Hertfordshire and Nottingham.



Mr. Lambert Siow

Before 1997, INTI conducted engineering programmes on a 1+2 basis. "But after the crisis," explains Lambert Siow, Assistant Dean, School of Engineering and Technology, "we had to do some modification to come up with something that would be more affordable for parents, without compromising on quality." The latest innovation at INTI is the launch of an Australian 3+1 engineering degree programme with the University of Adelaide, validated by the Institution of Engineers Australia (IEA) and awarded Provisional Accreditation. "We will obtain full accreditation once the first batch of students have graduated," confirms Siow.

Adelaide's Academic Director for Offshore Projects (Southeast Asia), Associate Professor Michael Yeo observes that this "is a prestigious step for INTI students as they can practise as professional engineers in any part of the world." The prestigious University of Adelaide is 126-years old and one of the top research universities in Australia, earning more than A\$50 million in research income through its 50 centres while producing two Nobel Prize winners.

For further information, call INTI College Malaysia 06 798 2000, Subang Jaya 03 5634 3244, Sarawak 082 462 046 and Sabah 088 785 701.