INTI International University & Colleges™

ENGINEERING

ENGINEERING A BETTER FUTURE

YOUR FUTURE BUILT TODAY

6
campuses across Malaysia

30+
years of empowering young minds

16,500+
students currently served

1,000+
employees nationwide

70,000+
graduates whose lives we have touched

ABOUT INTI

At INTI, our mission is to bridge the needs of tomorrow through the competencies our students gain today, empowering them to become the leaders, innovators and game changers of the future. We are committed towards ensuring our students gain the competencies needed for the workplace of the future, and to work alongside the digital transformations driving today's global businesses in the Fourth Industrial Revolution.

Through our innovative teaching and learning and extensive industry partnerships, we empower our students with the ability to work with smart machines, to process and analyse data for better decision-making, to learn about technologies that impact businesses and manufacturing processes, and to develop professional skills such as adaptability, working with multidisciplinary teams, problem-solving, and a thirst for lifelong learning.

By inspiring our students to explore their passions and discover their true potential through the right skills, tools and experiences, we continue to be a force of change in revolutionising education. Our commitment is to ensure exceptional graduate outcomes, and to transform our students into the dynamic leaders of the future – ones who will lead us in the Fourth Industrial Revolution, and beyond.

INTI GRADUATE EMPLOYABILITY SURVEY 2017 VALIDATED BY BDO

99%
of INTI graduates are employed within **6 MONTHS** of graduation

91%
of INTI graduates are **PAID HIGHER** than the market minimum average

60%
of INTI graduates get job offers **BEFORE** they graduate

COLLABORATION WITH INDUSTRY PARTNERS

Over the years, INTI has cultivated a strong engagement with multinational companies and large local organisations on diverse platforms to foster innovation curricula and develop future-ready graduates.

and many more

The platforms include:

- Industry Awards / Scholarships
- Employer Projects
- Boot Camps and Career Workshops
- INTI Leadership Series
- Faculty Industry Attachment
- Industry Advisory Boards
- Industry Skills Certifications
- Employer Centric Curricula
- Internships and Job Placements
- Coaching and Mentoring

THE INTI EDGE

We are INTERNATIONAL

Our internationally recognized education will enrich you with the right skills and attributes to excel at whatever you do and wherever you go.

World Renowned Collaborations with Prestigious Universities

INTI offers exclusive franchise degrees and dual award degree programmes in partnership with some of the world's highest rated universities. These partnerships help to enhance your academic credentials and offer you access to some of the most prestigious institutions of higher learning globally.

BLUE MOUNTAINS INTERNATIONAL HOTEL MANAGEMENT SCHOOL AT TORRENS UNIVERSITY
Australia

Recognised as one of the world's leading providers of Hotel Management programmes, Blue Mountains offers an internationally recognised curriculum based on the renowned Swiss hotel school model of teaching and learning. Blue Mountains was ranked the No.1 Hotel Management School in Australia (QS World University Rankings 2019).

COVENTRY UNIVERSITY
United Kingdom

With roots dating as far back as 1843, Coventry University has a proud tradition of offering high quality education with an emphasis on applied research. Coventry University was ranked No.15 UK University by the Guardian University Guide 2020.

SHEFFIELD HALLAM UNIVERSITY
United Kingdom

This modern university is an integral part of the UK's largest practising community of artists and designers outside of London. Sheffield was ranked 81% for international excellence in the national 2014 Research Excellence Framework and ranked second among the modern universities in the UK for art and design research.

UNIVERSITY OF HERTFORDSHIRE
United Kingdom

Swiftly gaining recognition as the UK's leading business-facing university, the University of Hertfordshire is an exemplar in the education sector and achieved the Top Gold ranking in the Government's Teaching Excellence Framework (TEF) 2018.

SOUTHERN NEW HAMPSHIRE UNIVERSITY
United States

Established in 1932, the university has been at the forefront of academic excellence with accreditation by the New England Association of Schools and Colleges. The university was named 2017 Most Innovative University in the North by US News & World Report.

INNOVATIVE Teaching & Learning

INTI integrates an array of proven approaches to teaching combined with revolutionary applications of technology in the classroom such as the innovative Blackboard Learning Management System.

Blackboard

With Blackboard, learning does not only happen in the classroom, it happens everywhere. It's a holistic, integrated system to collaborate and interact with fellow students and lecturers. Students can offer and gain feedback from their peers on coursework and perform self-assessments while learning in a safe, nurturing and holistic environment.

GLOBAL RECOGNITION AND ACHIEVEMENT

Awarded to
INTI INTERNATIONAL UNIVERSITY & COLLEGES for:

Blackboard CATALYST AWARD WINNER

- Professional Development (2019 & 2017)
- Student Success (2019)
- Leading Change (2018)

Supplementary Learning and Assessment Tools Used:

3D Studio Broadcasting System Using The Most Advanced Virtual Studio Technology

Video Management And Creation Tools

Interactivity Building Software Ranging From Games, Quizzes, Simulations, Presentations And More

Online Assessment Platform with Online Remote Proctoring

Software To Support Feedback Processes Including Course And Lecturers' Evaluations

INDUSTRY RELEVANCE

INTI has established a strong collaborative network with key leading companies in the industry and has been at the forefront of education innovation by offering an academic curriculum that is not only industry relevant but also immensely effective.

INDIVIDUAL Development

INTI endeavours to include practical experiences in every programme it offers. From practical workshops taught by local and international guest lecturers and industry practitioners who share the ins and outs of the working world, to hands-on practical projects initiated by potential employers.

SUPPORT

THE MENTOR-MENTEE PROGRAMME
Expand your social circles and future horizons

New students at INTI are paired up with a senior student who acts as a role model and offers assistance in easing them into academic life. The mentor-mentee programme supports new students to form social bonds and helps them become a part of the close-knit INTI community. These social bonds provide a significant part of the support a student receives during their journey at INTI.

BI-ANNUAL PARENT / TEACHER MEETINGS
Get valuable feedback and grow

To keep abreast of a student's academic progress at INTI, both students and lecturers have access to the Blackboard Academic Learning system which helps them track the areas for improvement. Parents and caregivers are also invited twice a year to meet with the student's lecturers and academic staff to discuss their academic performance and explore ways to enhance it.

LINKEDIN
Building your personal brand and your link to a world of opportunities

INTI has established a collaboration with LinkedIn that leverages its powerful connections, and offers training for students to create their personal brand and profile that elevates their opportunities for employability. Regular workshops are conducted to teach students how to create a compelling resume that will resonate with potential employers. With a complete, job-ready LinkedIn profile even before they graduate, INTI students have the perfect platform to build and enhance their personal brand.

BUILD YOUR FUTURE

The impact of engineering on the advancement of civilisation is innumerable. From the processors that run our smartphones, to the power plants that keep our cities lit, to the skyscrapers that seem to touch the sky and planes that travel across continents daily, the mastery and application of engineering affects and improves every aspect of how we work, live, connect and travel.

As new technologies come into play so do new possibilities that arise for the next generation of engineers. By mastering the study and application of the art and science of engineering, you can improve every aspect of life itself while enjoying a successful career anywhere in the world. Secure the blueprint for your future and build your career with INTI.

STRUCTURED INTERNSHIPS
As they will be a part of a highly practical discipline, engineers require extensive hands-on experience for their career advancement. INTI students from every engineering specialisation are given the opportunity to participate in highly structured internships and gain actual insights into the intensive work environment of engineers. INTI's accredited industry partners include Motorola, Intel, Keysight, ASE, Inari, Venture, Lumileds, Knowles, Ceedec, Aemulus, B. Braun, SAM, Osram, Solarvest and more. Through these close collaborations with established employers, students gain invaluable work experiences even before they graduate and acquire the confidence and exposure they need to prepare them for working life.

EMPLOYER PROJECTS
Throughout the course of their work, engineers often interact with professionals from other fields and across various disciplines, while working under challenging conditions. To prepare them for the working world, students from INTI are assigned employer projects that span a 3-month period and reflect actual engineering challenges encountered by today's global companies.

During this time, students will work with a multi-disciplinary team of fellow engineers and other professionals to fulfil their assigned employer project. To date, INTI graduates have completed major projects with companies such as Motorola Solutions, Intel, Keysight, Robert Bosch, QAV, Knowles Electronics, Flex and many more. Upon completion of these projects, students are given the opportunity to present their findings to their employers, including senior management teams from the organisation. Many of these employers have also gone on to implement the solutions presented, testifying to the quality and capabilities of INTI students. Exceptional students who excel during their employer projects are often offered positions even before they graduate.

HIGHLY QUALIFIED ACADEMIC STAFF
INTI's faculty members, are all professionally qualified engineers with a majority possessing PhDs in various engineering disciplines. Collectively the faculty has published more than 15 academic papers, with numerous invited as key note speakers for industry and academic talks, and having filed a number of patents. These achievements are also instrumental in their efforts to ensure the high standards of excellence that the programme is known for.

ENHANCEMENT PROGRAMMES
Employability in today's challenging workplace not only requires academic excellence but also a strong acumen in soft skills. INTI provides enhancement programmes that include training in Microsoft Office tools and effective communication skills. These add to the skills and capabilities graduates take with them when they enter the workplace.

INDUSTRY CURRICULUM INTEGRATION AND INTERNATIONAL RECOGNITION

ENGINEERING ACCREDITATION COUNCIL (EAC)

INTI International University Engineering Degrees are fully accredited by the Engineering Accreditation Council and recognized by the Board of Engineers Malaysia (BEM) which is a signatory to the Washington Accord. Recognition under the Washington Accord allows for INTI engineering programmes to be recognized by countries such as Australia, Canada, Taiwan, Hong Kong, Ireland, Japan, South Korea, Malaysia, New Zealand, Singapore, South Africa, Turkey, Russia, the United Kingdom and the United States who are all signatories of the accord. This recognition is of paramount reputation to the engineering education in Malaysia as graduates from INTI International University under the Washington Accord signatory countries are considered as meeting the academic standard for practices in engineering at the international level. Please refer to eac.org.my/web/about_EAC.html

SINGAPORE INSTITUTE OF ENGINEERING TECHNOLOGISTS (SIET, SINGAPORE)

INTI International University Engineering Degrees are recognized by the Singapore Institute of Engineering Technologists. A SIET certification will let employers know that the certification earner has mastered a significant body of knowledge in a specific field he / she is engaged in the industry and has met specified eligibility requirements. This knowledge will serve as the springboard for a certification earner's continued professional development in his field in industry. As SIET certified professional you will broaden your knowledge base. You be able to stand out from the crowd and may improve your options for being hired, promoted, and/or tapped for working on certain types of projects.

GLODON

INTI is one of the first institutions of private learning to collaborate with Glodon, an internationally recognised industrial software system, to integrate its software into its curriculum. Glodon Building Information Modelling (BIM) software, Cubicost is a widely used BIM integrated solution for the construction industry players. Student will be exposed to the latest taking off method to meet market demands.

CIVIL ENGINEERING

INTI's undergraduate programmes for Civil Engineering empower you with the skills to design, develop, manufacture, construct and maintain civil engineering products, systems and services.

Professional Accreditation
INTI's programmes are fully accredited by the Engineering Accreditation Council Malaysian (EAC), following the terms of the Washington Accord. They are also certified by the Chartered Association of Building Engineers UK (CABE) and by the Singapore Institute of Engineering Technologists (SIET). The Washington Accord entitles graduates to gain membership into the International Register of Engineers, while the CABE accreditation verifies that the programmes meet the regulated standards of Building Engineers. Recognition by SIET also means that the programme is of a high standard and quality which enables INTI graduates to seek employment anywhere in the world.

International Articulation
INTI maintains articulation agreements with the prestigious University of Leeds, UK and the University of Portsmouth, UK providing diploma students with the opportunity to join either university with a 1-year equivalent of credit exemptions when progressing to a degree.

MECHANICAL ENGINEERING

Almost every aspect of modern industry relies on mechanical engineering. Students pursuing this programme will master the skills needed to conceive and produce the moving parts, components and machinery required in every aspect of manufacturing, and will be exposed to the theoretical and practical aspects of this field.

Professional Accreditation
INTI's Mechanical Engineering programmes have received full accreditation by the Engineering Accreditation Council (EAC) Malaysia under the Washington Accord. This attests to the reputability of the course contents and also confers membership to qualifying members to join the International Register of Engineers. Membership to the Register allows members to gain global access and the ability to work anywhere in the world.

International Articulation
The Australian Group of Eight, which consists of Australia's eight leading research universities and several notable UK universities, has formally recognised the course contents of INTI's Mechanical Engineering programmes, providing students a beneficial articulation pathway to several of these leading universities. Qualified students from INTI's Diploma in Mechanical Engineering programme can continue their degrees abroad with a maximum exemption of two years' credit transfers.

QUANTITY SURVEYING

The programme exposes students to cost planning, cost control, build development techniques, building research, measurement software application and more, which enable them to manage the financial and procurement processes of construction projects. INTI is one of the first institutions of private learning to collaborate with Glodon, an internationally recognised industrial software system, to integrate its software into its curriculum.

Professional Accreditation
INTI's Quantity Surveying programmes have been recognised and fully accredited by the Royal Institution of Chartered Surveyors (RICS), UK and the Board of Quantity Surveyors, Malaysia (BQSM). This attests to the international standards upheld by the programmes and enables graduates to work anywhere in the world with their degree.

International Articulation
Articulation agreements allow INTI students to continue their studies abroad at Queensland University of Technology (QUT), Australia, the University of West of England (UWE), and the University of Portsmouth in the UK. This enables students to enjoy a fresh perspective in the field of quantity surveying, and gain the opportunity tointeract with fellow students in an exciting new environment.

ELECTRICAL & ELECTRONIC ENGINEERING

The programme enables students to master a number of key competencies, including Electronic Circuit Analysis, Control Systems, Electric Machines & Electric Power Systems, Telecommunications as well as the application of ICT knowledge for engineering analysis, simulation and control in both public or private enterprise.

Strategic Partnership with Industry Partners
Over the last five years, INTI has received the Motorola Solutions Foundation grant, a cash award which has been offered as scholarships to students with excellent academic achievements and the potential to contribute towards the enhancement and innovation of Malaysia's electrical and electronic sector.

Project Based Learning (PBL)
To familiarise students with current industry practices as well as to offer them invaluable exposure to the workplace, INTI organises Project Based Learning (PBL) programmes in Year 2. Students are assigned a group project in consultation with a reputable industry partner, and will have to complete a thesis to fulfil their academic requirements.

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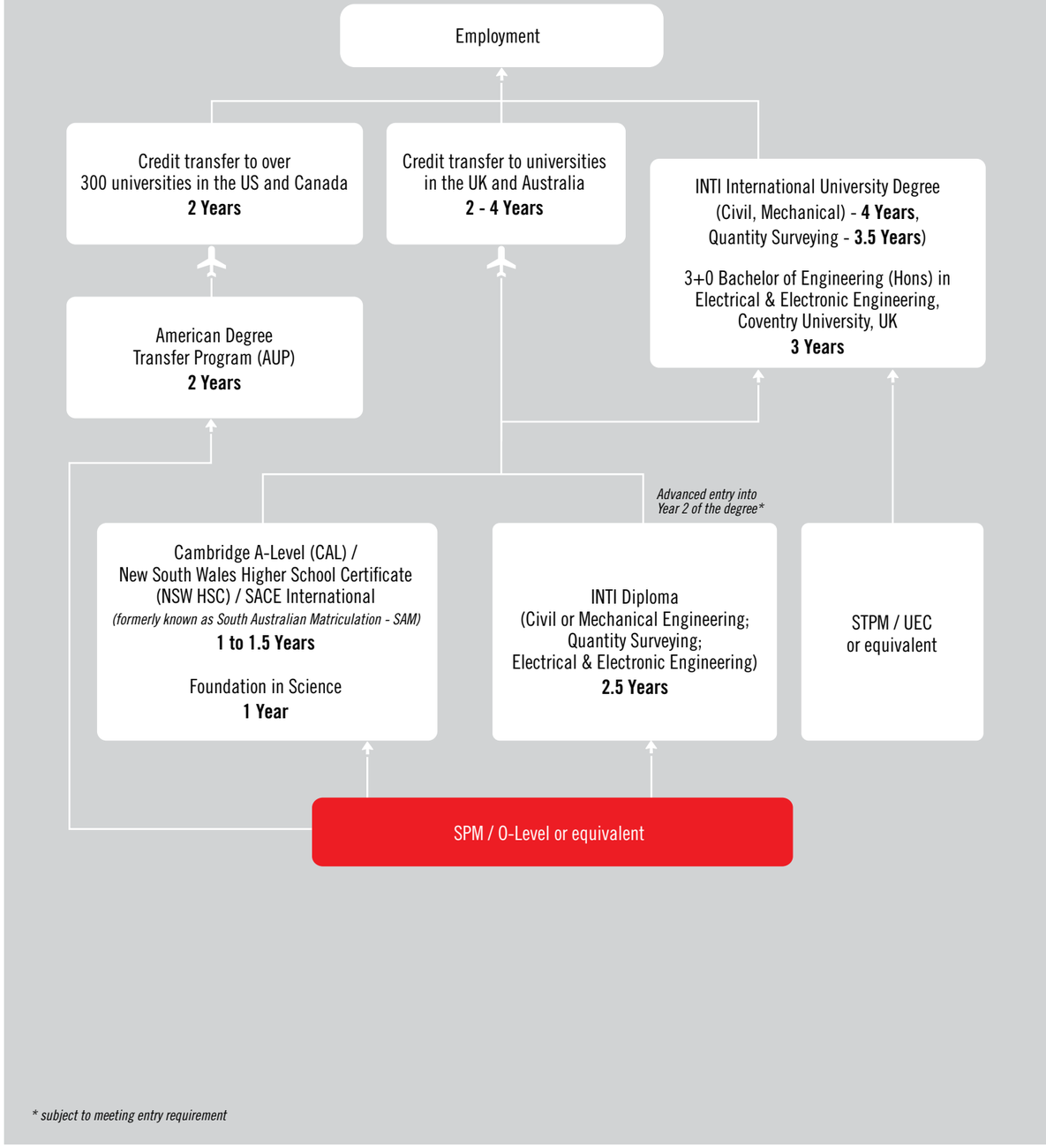
INTI ENGINEERING PATHWAY



** subject to meeting entry requirement*

ENTRY REQUIREMENTS

Diploma in Civil Engineering
Diploma in Mechanical Engineering
Diploma in Electrical & Electronic Engineering

SPM / O-Level:
3Cs including Mathematics and 1 Science / Technical / Vocational subject and a pass in English

IGCSE O-Level:
3Cs (including Mathematics and 1 Science subject, and pass in English)

IELTS:
5.0 or equivalent for International Students

UEC:
3Bs (including Mathematics & Science, pass in English)

STPM/equivalent:
Pass in STPM or equivalent with a pass in SPM Mathematics, English and 1 Science/ Technical/Vocational subject

IB:
Passed International Baccalaureate (IB) Middle Years Programme (MYP) Certificate including English with credit in Mathematics and 1 Science subject

Engineering / Technology Engineering Certificate:
Recognised certificate

Vocational / Technical / Skills Certificate:
Recognised certificate with 1 year of related working experience or 1 semester of bridging programme

Foundation / Pre-U / Matriculation:
Related foundation/Pre-U/Matriculation programme approved by Ministry of Higher Education with credit in SPM Mathematics and 1 Science/Technical/ Vocational subject

Diploma in Quantity Surveying

SPM / O-Level:
3Cs (including Mathematics, and Bahasa Malaysia or English)

Engineering Degree

STPM:
Minimum 2Cs including Mathematics and Physics

A-Level:
Minimum "Good Principal Passes" C and above for Mathematics and Physics
Note: "Pass grade D – Subject to approval

UEC:
Minimum 5 credits, including Mathematics and Physics

Local Matriculation:
Minimum CGPA 2.0

Foundation from other University / College:
Minimum CGPA 2.0

WAEC/NECO:
Maximum aggregate of 15 points out of best 5 subjects, inclusive of minimum B in Mathematics and Physics

Diploma / Advance Diploma / Degree / equivalent:
Pass
- Subject to school's discretion after reviewing transcript and syllabus. Max credit transfer of 30% of the program total credits

Other qualifications deemed equivalent to STPM / A-Level by Malaysian Qualifications Agency:
Minimum overall average of 65%, inclusive of minimum 65% in Mathematics and Physics

International Baccalaureate:
Minimum 26/42 points from 6 subjects (inclusive of Mathematics and Physics / Chemistry)

SACE International:
(formerly known as South Australian Matriculation - SAM)
Minimum average of 65% in 5 subjects, inclusive of minimum scores of 65% in Mathematics and Physics

Bachelor of Science (Hons) Quantity Surveying

Foundation:
CGPA 2.50 and above

Diploma:
CGPA 2.67 and above

STPM:
2 grade C (NGMP 2.0) and above

SACE:
5 courses with TER 70

NSW-HSC:
10 courses with ATAR 70 and above

TEE:
4 or 5 courses with TER 70 and above

ATAR:
Year 12 with 70 above

CPU:
6 courses with average score of 65 and above

UEC:
5 courses with grade B and above

A-Level:
2 courses passed

Plus:
SPM with 3 credits including Mathematics and Bahasa Malaysia or English

English Language Requirements

- Credit in the English language subject at SPM/UEC level; or MUET Band 5; or a score of 196 (computer-based) / 525 (writing-based) / 69-70 (internet-based) in TOEFL; or Band 5.5 in IELTS.
- In the event that the English language requirements are not met, student may be required to undertake additional English module(s) prior to or concurrently with the undergraduate program, based on the University's decision.

** International students holding equivalent academic qualifications but which are not conducted in English, are required to sit for the English Placement Test (EPT)*

FOUNDATION IN SCIENCE

Students are prepared for admission into engineering-related degrees at INTI. They will be equipped with a solid fundamental knowledge of their fields of studies, which include Physics, Chemistry, Mathematics, English and Basic Computing.

Learning approach

Students will be introduced to Problem-based Learning, group discussions and projects to help them develop study skills, presentation skills, research skills and time management. This will further enhance their critical and analytical skills and prepare them for the demands of tertiary studies and the working world.

Assessment

Assessment of individual courses in the Foundation Programme consists of two components:
- Continuous coursework (50%)
- Final examination (50%)

The continuous coursework component comprises different tasks such as projects, assignments, laboratory work, presentations and tests, and others assigned throughout each semester. The final examination is conducted at the end of each semester. The assessments are subject to quality assurance procedures to maintain high standards and ensure fair assessment.

Offered at

INTI International University
(R2/010/3/0198)(03/24)(MQA/A10019)

INTAKES: JAN, MAY & AUG

INTI International College Subang
(N/010/3/0445)(04/22)(MQA/FA8898)
INTI International College Penang
(N/010/3/0422)(09/21)(MQA/FA8334)

INTAKES: JAN, APR & AUG

Duration

1 Year

Programme structure

- Chemistry 1
- Chemistry 2
- English Language Skills 1
- English Language Skills 2
- General Studies
- Mathematics 1
- Mathematics 2
- Self-Development Skills
- Skills for Creative Thinking

Elective papers for Biological Science Pathway
- Basic Computing
- Biology 1
- Biology 2
- Statistics

Elective papers for Pure Science Pathway
- Biology 1
- Biology 2
- Physics 1
- Physics 2

Elective papers for Engineering Pathway
- Physics 1
- Physics 2
- Engineering Mechanics
- Basic Computing

DIPLOMA IN CIVIL ENGINEERING

Students are provided with a solid foundation in computing, mathematical, drawing and communication skills and the basics of civil engineering disciplines. They will be equipped with skills to design, develop, manufacture, construct and maintain civil engineering products, systems and services.

We also help students develop multi-disciplinary teamwork and leadership skills, as well as proficiency in written and oral communication.

This programme covers a comprehensive range of courses, including soft skills training and internships with reputable civil engineering-based companies, and classroom learning with reference to industrial-related projects.

The programme meets the guidelines set by the Malaysian Qualifications Agency (MQA), and has been granted full accreditation by MQA since 2001.

Accredited by:

ETAC
Engineering Technology Accreditation Council

Highlights

- Accredited by the Engineering Technology Accreditation Council (ETAC), a delegated body by the Board of Engineers Malaysia established in ensuring Malaysia's ETAC accredited engineering diploma programmes are substantially equivalent to the engineering degrees of the signatories of the Sydney Accord and Dublin Accord
- Recognised by Singapore Institute of Engineering Technologists, Singapore
- Well recognised by the UK and Australian universities
- Credits can be transferred to the B.Eng (Hons) in Civil Engineering programme
- Soft skills and internships provide students with transferable skills and working experience

Career opportunities

Clerk-of-Work, Construction Project Coordinator, Engineering Design Assistant, Product Engineer, Site Engineer Assistant, Site Safety Officer, Technical Site Supervisor

Offered at

INTI International University
(R2/526/4/0053)(04/24)(MQA/FA11910)

INTAKES: JAN, MAY & AUG

Duration

2.5 Years

Programme structure

Level 1
- Physics
- Structured Programming
- English Communication Skills
- Surveying 1 (Theory & Practice)
- Entrepreneurship
- Material for Civil Engineering
- Engineering Static
- Engineering Drawing
- Mathematics 1
- Mathematics 2

Level 2
- Civil Engineering Drawing
- Strength of Material
- Soil Mechanics
- Professional Development
- Structural Analysis
- Construction Technology and Practices
- Project-Civil Engineering
- Steel and Reinforced Concrete Design
- Fluid Mechanics

Internship

MPU subjects

- Bahasa Kebangsaan A*
- Co-curriculum
- Green Future Malaysia
- Malaysian Studies 2 (Local students) / Communication in Malay 1B (International Students)
- Media Literacy for Personal Branding

*For Malaysian students who do not have a credit in SPM BM.

DIPLOMA IN ELECTRICAL & ELECTRONIC ENGINEERING

Students are introduced to basic electrical & electronic engineering principles with hands-on experiences to emphasise on the areas of electronic circuit analysis, control systems, electrical machines and electric power systems, as well as telecommunications. Students are also able to develop the ability to apply ICT knowledge in engineering analysis, simulation and control through various software such as C++ and MATLAB.

Highlights

- Provides sophisticated knowledge in the Electrical and Electronic field
- Practical emphasis through laboratory work and computer-aided design software
- First-hand practical experience through Final Year Project and Internship

Career opportunities

Design, Research or Development Engineer Assistant, Production Engineer, Service Engineer, Technical Support Engineer

Duration

2.5 Years

Offered at

INTI International College Penang
(R2/523/4/0386)(03/23)(A10001)

INTAKES: JAN, APR & AUG

Programme structure

Level 1
- Analogue Electronics
- Circuit Theory & Electronic Devices
- Engineering Drawing
- Engineering Mathematics 1
- Engineering Mathematics 2
- Engineering Mathematics 3
- Physics
- Programming Fundamentals
- Materials Science
- Introduction to Programmable Logic Controller

Level 2
- Electric Power Systems & Machines
- Electromagnetic Field Theory
- Introduction to Digital Electronics
- Introduction to Embedded Systems
- Introduction to Power Electronics & Drives
- Modern Control Systems Engineering
- Object Oriented Programming
- Professional Development
- Project
- Telecommunication Systems

Internship

MPU subjects

- Bahasa Kebangsaan A*
- Co-curriculum
- Green Future Malaysia
- Malaysian Studies 2 (Local students) / Communication in Malay 1B (International Students)
- Media Literacy for Personal Branding

*For Malaysian students who do not have a credit in SPM BM.

DIPLOMA IN MECHANICAL ENGINEERING

Students are provided with foundation skills needed to conceive and produce the moving parts, components and machinery in every aspect of manufacturing. They will be equipped with broad-based mechanical engineering knowledge in both theoretical and practical aspects.
This programme covers a comprehensive range of courses in mechanical engineering.

Accredited by:

ETAC
Engineering Technology Accreditation Council

Highlights

- Accredited by the Engineering Technology Accreditation Council (ETAC)**, a delegated body by the Board of Engineers Malaysia established in ensuring Malaysia's ETAC accredited engineering diploma programmes are substantially equivalent to the engineering degrees of the signatories of the Sydney Accord and Dublin Accord
- Recognised by Singapore Institute of Engineering Technologist, Singapore**
- Well recognised by UK and Australian Universities
- Soft skills and internships provide students with transferable skills and working experience

Career opportunities

Mechanical Engineer Assistant, Automotive Engineer Assistant, Application Engineer Assistant, Sales Engineer Assistant, Mould Design Assistant, Process Technician, Maintenance Technician, QA / QC Assistant

Duration

2.5 Years

Offered at

INTI International University
(R2/521/4/0064)(03/24)(MQA/FA11911)

INTAKES: JAN, MAY & AUG

Programme structure

Level 1
- Business- Entrepreneurship
- Engineering Drawing
- Engineering Statics
- English Communication Skills
- Mathematics 1
- Mathematics 2
- Physics
- Structured Programming
- Structures & Properties of Materials
- Workshop 1

Level 2
- Engineering Dynamics
- Engineering Drawing 2
- Fluid Mechanics
- Mechanics of Engineering Material
- Circuit Theory
- Mechanics of Machines
- Professional Development
- Project – Mechanical Engineering
- Thermodynamics
- Thermofluid Lab
- Workshop 2

Internship

MPU subjects

- Malaysian Studies 2 (Local students) / Communication in Malay 1B (International Students)
- Media Literacy for Personal Branding (For local students with credit in SPM BM and international students)
- Bahasa Kebangsaan A*
- Green Future Malaysia
- Co-curriculum

Offered at

INTI International College Subang
(R/521/4/0073)(09/24)(A5764)

INTI International College Penang
(N/521/4/0143)(09/21)(MQA/FA8568)

INTAKES: JAN, APR & AUG

Sample programme structure

Level 1
- Engineering Mathematics 1
- Engineering Mathematics 2
- Engineering Mathematics 3
- Physics
- Technical English
- Programme Logic Formulation
- Engineering Statics
- Engineering Dynamics
- Mechanics of Engineering Materials
- Engineering Drawing
- Computer Aided Design
- Materials Science

Level 2
- Professional Development
- Electrical Power & Machines
- Engineering Thermodynamics
- Applied Thermodynamics and Heat Transfer
- Fluid Mechanics
- Machine Components Design
- Workshop Technology and Workshop Practices
- Project – Mechanical Engineering

Internship

MPU subjects

- Bahasa Kebangsaan A*
- Co-curriculum
- Green Future Malaysia
- Malaysian Studies 2 (Local students) / Communication in Malay 1B (International Students)
- Media Literacy for Personal Branding

*For Malaysian students who do not have a credit in SPM BM.
**Only available at Nilai and Penang only.

DIPLOMA IN QUANTITY SURVEYING

Programme accredited by Royal Institution of Surveyors Malaysia

Students are provided with a foundation in the quantity surveying practice. Quantity surveying is developed progressively from the elementary concepts underlying planning, estimates and measurement of building materials as per the Standard Method of Measurement, preparation of tender documents, cost control, cost analysis, contract administration and management of building production in the construction industry. They are prepared with the skills to undertake a wider role in multi-disciplinary teams and a leading role in providing appropriate professional services that maximise value and minimise risk.

Highlights

- Recognised by Singapore Institute of Engineering Technologists, Singapore**
- Well received by the UK and Australian universities
- Provides the latest teaching methods to meet market demands
- Receives full accreditation from MQA (Malaysian Qualifications Agency), RISM (Royal Institution of Surveyors Malaysia) and BQSM (Board of Quantity Surveyors, Malaysia)**

Career opportunities

Assistant Quantity Surveyor, Contract Executive

Offered at

INTI International University
(R/526/4/0094)(07/20)(MQA/FA4552)

INTAKES: JAN, MAY & AUG

INTI International College Subang
(N/526/4/0120)(03/21)(MQA/FA6628)

INTI International College Penang
(N/526/4/0150)(03/24)(MQA/PA9008)

INTAKES: JAN, APR & AUG

Duration

2.5 Years

Programme structure

Level 1
- Building Services
- Construction Contracts & Law
- Construction Materials
- Construction Technology 1
- English Communication Skills
- Financial Management for Construction
- Introduction to Quantity Surveying
- Measurement 1
- Principles of Economics
- Principles of Information Technology
- Quantitative Methods
- Technical Drawing

Level 2
- Building Structures
- Construction Technology 2
- Estimating
- Measurement 2
- Planning Practice & Law
- Professional Quantity Surveying Practice
- Project – Quantity Surveying & Construction
- Property & Building Economics
- Surveying 1**
- Land Surveying***
- Project Management for Construction

Internship

MPU subjects

- Bahasa Kebangsaan A*
- Co-curriculum
- Green Future Malaysia
- Malaysian Studies 2 (Local students) / Communication in Malay 1B (International Students)
- Media Literacy for Personal Branding

*For Malaysian students who do not have a credit in SPM BM.
**Only available at Nilai and Subang campus.
***Only available at Subang and Penang campus.

BACHELOR OF ENGINEERING (HONS) IN CIVIL ENGINEERING

Students will gain knowledge of various civil engineering fields, such as structural analysis and design, material engineering, geotechnical and soil mechanics, hydraulics and hydrology in water engineering, highway and traffic engineering, as well as exposure to construction project management, contracts and estimating of costs.

We also provide soft skills training as well as internships at reputable civil engineering-based companies, and classroom learning with reference to industrial-related projects.

The programme has been granted accreditation by the **Engineering Accreditation Council (EAC)** since 2012.

**For Malaysian students who do not have a credit in SPM BM.*
***For offering of electives, please consult the Head of Programme.*

Highlights

- The programme receives full accreditation by the Engineering Accreditation Council (EAC) Malaysia under the Washington Accord.

The Washington Accord, signed in 1989, is an international agreement among bodies responsible for accrediting engineering degree programs. It recognizes the substantial equivalency of programs accredited by those bodies and recommends that graduates of programs accredited by any of the signatory bodies be recognized by the other bodies as having met the academic requirements for entry to the practice of engineering, normally of four years duration. Washington Accord Signatories have full rights of participation in the Accord; qualifications accredited or recognized by other signatories are recognized by each signatory as being substantially equivalent to accredited or recognized qualifications within its own jurisdiction.

- Course incorporates the needs of industries
- Industrial lectures by leaders of the engineering industry
- Soft skills and internships to provide students with transferable skills and working experience
- Recognized by Board of Engineers Malaysia
- Recognised by Singapore Institute of Engineering Technologists, Singapore

Career opportunities

Consulting Engineer, Design Engineer, Research or Development Engineer, Project Manager, Risk Analyst, Contractor, Developer, Civil Engineering Product Specialist, Government Civil Service, University Lecturer and Professor

Offered at

INTI International University
(R2/526/6/0040)(06/23)(MQA/FA4368)

INTAKES: JAN, MAY & AUG

Duration

4 Years

Programme structure

Year 1
- Civil Engineering Fundamentals
- Civil Engineering Materials
- Engineering Geology
- Electrical Circuits
- Engineering Drawing
- Engineering Mathematics 1
- Engineering Mathematics 2
- Engineering Statics
- Introduction to Programming
- University English

Year 2
- Soil Mechanics & Geotechnical Engineering
- Engineering Hydrology
- Analytical Methods
- Civil Engineering Drawing
- Engineering Dynamics
- Fluids Mechanics
- Mechanics of Materials
- Structural Analysis 1
- Surveying

Year 3
- Structural Analysis II
- Engineering Perspectives
- Construction Technology
- Environmental Engineering
- Design of Structural Steelwork
- Estimating & Contract
- Foundation in Engineering
- Highway & Traffic Engineering
- Industrial Training
- Open Channel Hydraulics
- Reinforced Concrete Design

Year 4
- Integrated Engineering Design Project
- Elective I
- Elective II
- Final Year Project I
- Final Year Project II
- Reinforced & Pre-stressed Concrete Design
- Engineering Economics
- Project Management for Civil Engineering

General Elective** I
- Advanced Highway Engineering
- Advanced Steel Design
- Water and Waste Water Systems

General Elective** II
- Water Engineering

MPU subjects

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

BACHELOR OF ENGINEERING (HONS) IN MECHANICAL ENGINEERING

Students will be prepared for careers in energy transfer and analysis, machine and electromechanical designs, manufacturing and production, ergonomics and man-machine symbiosis, environmental design and analysis as well as new technologies such as robotics and numerical control machining.

The mechanical engineering discipline expects its alumni, who, after being involved in the industry or academia for at least 4 years:

- To assume positions of technical expertise in mechanical engineering and related fields
- To remain committed to professional development

You will also learn to develop business, interpersonal and managerial skills to progress quickly into responsible positions in mechanical or manufacturing industries and their supply chains.

The programme has been granted accreditation by the Malaysian Qualifications Agency (MQA) in 2011, and accreditation by the **Engineering Accreditation Council (EAC)** since 2012.

**For Malaysian students who do not have a credit in SPM BM.*
***For offering of electives, please consult the Head of Programme.*

Highlights

- The programme receives full accreditation by the Engineering Accreditation Council (EAC) Malaysia under the Washington Accord.

The Washington Accord, signed in 1989, is an international agreement among bodies responsible for accrediting engineering degree programs. It recognizes the substantial equivalency of programs accredited by those bodies and recommends that graduates of programs accredited by any of the signatory bodies be recognized by the other bodies as having met the academic requirements for entry to the practice of engineering, normally of four years duration. Washington Accord Signatories have full rights of participation in the Accord; qualifications accredited or recognized by other signatories are recognized by each signatory as being substantially equivalent to accredited or recognized qualifications within its own jurisdiction.

- Course incorporates the needs of industries
- Industrial lectures by leaders of the engineering industry
- Students gain industrial experience through industry visits and internship
- Students are equipped with transferable skills and industrial experience after completion of the course
- Recognized by Board of Engineers Malaysia
- Member of Institution of Mechanical Engineers (iMechE) Student Chapter

Career opportunities

Mechanical / Manufacturing Engineer, Oil / Gas Engineer, Automotive Engineer, Design Engineer, Technical Support Engineer

Offered at

INTI International University
(R2/521/6/0056)(02/23)(MQA/FA4088)

INTAKES: JAN, MAY & AUG

Duration

4 Years

Programme structure

Year 1
- Electrical Circuits
- Engineering Drawing
- Engineering Materials
- Engineering Mathematics 1
- Engineering Mathematics 2
- Engineering Perspectives
- Engineering Statics
- Introduction to Programming
- University English

Year 2
- Analytical Methods
- Electronics & Microprocessor
- Electrical Power & Machines
- Engineering Dynamics
- Fluid Mechanics 1
- Fluid Mechanics 2
- Machine Drawing
- Solid Mechanics
- Thermodynamics 1
- Thermodynamics 2

Year 3
- Design of Machine Elements
- Engineering Design Project
- Engineering Economics
- Heat Transfer
- Industrial Training
- Instrumentation & Control
- Manufacturing Processes
- Mechanics and Materials
- Operations and Quality Management

Year 4
- Engineering Elective 1
- Engineering Elective 2
- Final Year Project
- Professional Practice
- Project Management & Product Development
- Sustainable Energy Systems
- Vibration

General elective** subjects
- Air Conditioning and Refrigeration
- Computational Thermofluids
- Embedded Systems 1
- Ergonomics
- Finite Element Method
- Hydraulics and Pneumatics
- Manufacturing Systems
- Robotics
- Internal Combustion Engines
- Corrosion Science and Engineering

Oil and Gas elective** subjects
- Air Conditioning and Refrigeration
- Computational Thermofluids
- Corrosion Science and Engineering

MPU subjects

- Bahasa Kebangsaan A*
- Community Service
- Corporate Social Responsibility
- Ethnic Relations (Local students) / Malay Communication 2 (International students)
- Islamic & Asian Civilisation (Local students)/ Malaysian Studies (International students)
- Design Thinking

BACHELOR OF SCIENCE (HONS) QUANTITY SURVEYING

Programme accredited by the Royal Institution of Chartered Surveyors, UK

RICS the mark of property professionalism worldwide

and Lembaga Juruukur Bahan Malaysia

Students will be prepared to manage the financial and procurement processes of construction projects.

This may include tasks such as preparing cost plans and estimates, bills of quantities, tender appraisals, valuations of interim payments, project audits and life cycle costing.

Studies include cost planning, cost control, building development techniques, building research, measurement software application, measurement of quantities of building and infrastructure work and handling of construction legal issues.

Industrial-related projects are blended into the courses to provide direct industrial experience, aside from industrial visits and internships.

Note: Programme structure is subject to change.
**For Malaysian students who do not have a credit in SPM BM.*

Highlights

- Recognised by Singapore Institute of Engineering Technologists, Singapore
- Programme meets the requirements established by professional bodies such as the Board of Quantity Surveyors Malaysia and Malaysian Qualifications Agency (MQA)
- The programme receives full accreditation by the Board of Quantity Surveyors Malaysia and also from Royal Institution of Chartered Surveyors (RICS), UK
- Students will be exposed to the latest taking off methods, such as Building Information Modelling (BIM) approach, in order to analyze and simulate construction cost more effectively and efficiently
- Graduates will receive a competency certification by Glodon (Cubicost Level D) upon passing the competency assessment

Career opportunities

Consultant Quantity Surveyor,
Resident Quantity Surveyor,
Contractors' Quantity Surveyor

Offered at

INTI International University
(R/526/6/0111)(02/21)(MQA/FA8794)

INTAKES: JAN, MAY & AUG

Duration

3.5 Years

Programme structure

Year 1
- Introduction to Quantity Surveying
- Technical English
- Technical Drawing
- Principles of Building Construction
- Quantitative Methods
- Construction Materials
- Building Structures
- Legal Studies for Quantity Surveyors
- Advanced Building Construction
- Building Environments and Services
- Measurement for Building Works
- Surveying

Year 2
- Measurement for Advanced Building Works
- Principles of Estimating for Building Works
- Pre-Contract Administration
- Principles of Construction for Infrastructure and Civil Engineering Works
- Advanced Building Environments and Services
- Land Law
- Post-Contract Administration
- Measurement for Building Services
- Cost Studies
- Construction Contract Administration
- Systems of Construction Procurement
- Construction Economics

Year 3
- Measurement for Infrastructure and Civil Engineering Works
- Principles of Estimating for Building and Services Works
- Development Economics
- BIM Project
- Risk, Value and Facilities Management
- Research Methods
- Professional Ethics and Code of Conduct

Year 4
- Project-Quantity Surveying
- Project Management
- Advanced Construction Contract Administration

Internship / Industrial Training

MPU subjects

- Bahasa Kebangsaan A*
- Co-curriculum
- Corporate Social Responsibility
- Design Thinking
- Ethnic Relations (Local students) / Malay Communication 2 (International students)
- Islamic & Asian Civilisation (Local students)/ Malaysian Studies (International students)

Glodon 广联达 Build Your Future

Glodon Building Information Modelling (BIM) software

a. INTI is among the first private institutions of higher learning in the country to collaborate with Glodon in introducing this industrial software system
b. Students will be exposed to the latest taking off methods to meet market demands

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

This three-year 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

Coventry University

**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.

Career opportunities

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

Offered at

INTI International College Penang
(N/253/6/0279)(12/20)(MQA/FA8104)

INTAKES: JAN, APR & AUG

Duration

3 Years

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

Internship

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

MPU Subjects

- Community Service & Co-curriculum 3
- Ethnic Relations (Local students) / Communicating in Malay 2 (International students)
- Islamic & Asian Civilisation (Local students) / Malaysian Studies 3 (International students)
- Bahasa Kebangsaan A*
- Corporate Social Responsibility
- Design Thinking

AMERICAN DEGREE TRANSFER PROGRAM (AUP)

Having pioneered the introduction of American education more than 30 years ago, INTI has the most established American Degree Transfer Program (AUP) in Malaysia.

Students can choose from more than 300 US and Canadian universities. INTI students have been accepted into Ivy League and Ivy League Standard universities like the University of Pennsylvania, Brown University, University of Michigan, University of California, University of Wisconsin, Purdue University and more.

**4+0 Business Programs are offered in Subang.*
For more information, please refer to the American Degree Transfer Program (AUP) brochure.

Offered at

INTI International University
(R/545/6/0044)(03/20)(A4606)
INTI International College Subang
(R2/545/6/0035)(09/24)(A5761)
INTI International College Penang
(R2/545/6/0064)(01/21)(A7301)

INTAKES: JAN, MAY & AUG

Duration

2 Years

Program structure

This program enables students to complete up to 2 years of the degree studies at INTI before transferring to the US to complete their studies.

Popular majors (partial list) pursued by AUP students are:
- Accounting
- Actuarial Science
- Digital Marketing
- Entrepreneurship Studies
- Fashion Marketing
- Finance
- Human Resource Management
- International Business
- Management Information System (MIS)
- Supply Chain Management
- Civil Engineering
- Electrical and Electronic Engineering
- Computer Science

Popular universities for business

US universities
- Binghamton University
- Indiana University of Pennsylvania
- Michigan State University
- Ohio State University
- Purdue University
- Southern New Hampshire University
- University of Iowa
- University of Missouri
- University of Nebraska, Lincoln
- University of Oklahoma, Norman
- University of Wisconsin, Madison
- Winona State University

Canadian universities
- Acadia University
- Memorial University of Newfoundland
- Trent University
- University of Brunswick
- University of Lethbridge
- University of Manitoba
- University of Saskatchewan
- University of Winnipeg

DOCTOR OF PHILOSOPHY (PHD) IN APPLIED PHYSICS

The programme enables students to undertake specialised and applied in-depth research work in various branches of applied physics, including and not limited to plasma physics, pulse power technology and material science. These areas can enhance and contribute to the body of knowledge in science and technology.

Note: Programme structure is subject to change.

Highlights

- Students will achieve high levels of competency in advanced scientific knowledge and skills in a specialised and advanced field of science and technology with emerging importance.
- Graduates will be able to contribute professionally as leaders in the area of science and technology in academic and research institutions and organisations.
- Leading research in areas of plasma physics and pulse power technology, an emerging field in energy and green technology.
- This programme provides a thorough grounding in the scientific principles governing the physical, chemical, and mechanical properties of solid materials, and the opportunity to specialise in the research of a particular material (superconductors, semiconductors) through a choice of options.

Research Areas
- Plasma physics
- Pulse power technology
- Condensed matter physics
- Superconducting materials

Entry Requirements

- A recognised Master's degree in the relevant field; AND

Meet any of these English language requirements:
i. Master's degree conducted in English*; OR
ii. Credit 6 in MCE / SPM / GCE level; OR
iii. MUET Band 5 or 6/ TOEFL score of 550 / IELTS score of 6.0;OR
iv. Equivalent score from any of the above obtained at undergraduate level at a recognised university*

*A copy of the document from the university is required during submission as proof of English proficiency

Any other qualification with relevant working experience will be subject to approval by the Senate

Offered at

INTI International University
(R/545/8/0001) (09/20)(MQA/FA0025)

INTAKES: JAN, MAY & SEP

Duration

3 years (Full-time)
4 years (Part-time)

HEAR WHAT OUR ALUMNI SAY

"INTI is a well-recognised degree by employers. Since I got my job soon after graduation I knew it was the right decision! Doing my engineering degree at INTI taught me not only technical knowledge but also life skills. I learnt effective time management through juggling my classes and assignments and project management when handling my college projects. I also learnt to value integrity, commitment and an ethical mindset – traits that are instrumental in helping me excel in my current position."

ALBERT WOON
Recipient of the National Transport Gold Award for Leadership 2015
Singapore Civil Service
B. Eng (Hons) in Electrical and Electronic Engineering, University of Bradford, UK

"I would never have found the right career if not for the field trips organised by the INTI School of Engineering. I joined every field trip and am now enjoying the challenge of working in the highly demanding field of oil and gas. The various extra-curricular activities at INTI provided ample opportunities to sharpen my soft skills, helping me to build a strong professional network and impress top management with results that have surpassed my KPIs."

AMEER AZHAR FADZILAN
Product Engineer, Misi Setia Oil & Gas Sdn Bhd
B.Eng. (Hons) in Mechanical Engineering

"I was attracted to the INTI engineering program due to its dual award partnership with the University of Bradford, UK. It was a well-executed program with a rigorous curriculum while the campus was equipped with fantastic facilities that provided a conducive study environment. The lecturers were dedicated and exposed us to many different facets of engineering which helped me graduate with first class honours. I aim to always better myself so that I can benefit others around me."

FARHAA BIBI NAHEEDA SUDDOO
Civil and Structural Engineer
Bachelor (Hons) in Civil and Structural Engineering, Dual Award with University of Bradford, UK

"I chose the INTI Quantity Surveying program because the syllabus extends beyond the construction industry, offers insights into real-life project management and discusses the corresponding economic impact. There were ample seminars and workshops that helped me build a strong industry network through which I found my first job. Participating in university activities helped improve my soft skills, while learning to work with team members prepared me to overcome work and life challenges."

YADHAVSINGH JADDOO
Mauritius Tourism Authority
BSc (Hons) Quantity Surveying

EMPLOYER TESTIMONIALS

FLEX

"Both Hng Lip Phong and Lim Jia Xin from INTI's Bachelor of Electrical and Electronic Engineering have done INTI proud by successfully completing the "Development of a Programmable Audio Digital Signal Processors (DSP) Module with PC Interface and Control – Hardware" and "Development of a Programmable Audio DSP Module with PC Interface and Control – Software" under the Employer Project programme with flying colours. It is great to see the guidance and knowledge sharing that INTI's faculty staff freely imparts to its students, and I am excited to be involved in more Employer Projects with INTI's students who are always so enthusiastic and eager to learn."

Kevin Tan (Director of Product Development)

KOLLECT SYSTEMS SDN BHD

"Our internship experience with INTI students have shown the students to be capable and able to do complex IT work and data analytics. Partnership with INTI provides us with access to a good talent pool and at the same time, we are able to share our experience and the industry trends. I find INTI students to be hardworking and knowledgeable, making them highly employable."

KeshMahinder Singh (CEO)

SAMSUNG MALAYSIA

"INTI's structured and committed engagement with the industry has closed the gap between the classroom and the realities of the workplace. This is critical to the development of INTI's graduates as the curricula is now more practical rather than academic. This makes a difference when employers like Samsung selects who their future talents should be. We no longer look at academic excellence alone, we look at how knowledge can be practically deployed. And in this regard, INTI has done a remarkable job preparing its students to succeed through close collaboration with the industry, tweaking both delivery and content which make sense to employers."

Chen Fong Tuan (HR & General Affairs Director)

EMPLOYER PROJECTS

INTI has established close ties with leading companies in the industry to develop employer projects to enable students to gain real, hands-on work experience while studying. Through these projects, students are presented with immediate challenges faced by businesses, and are required to work together in teams to develop and present their proposals. Projects are based on real-life business issues that will help students to develop their knowledge and apply their soft skills in actual business scenarios.

Some employer projects undertaken by our students:

- **REDESIGNING SHELL STATIONS USING GREEN TECHNOLOGY**
  Polymer Composite Asia
  Shell Malaysia teamed up with our students on the redesigning of Shell petrol station using Green Technology. The students' presentation was able to captivate the Shell clients with innovative ideas in their "Fuel and Go Green" challenge.

- **DRONE FOR THE FUTURE**
  FourFang
  FourFang teamed up with our students to develop a state-of-the-art drone called Luna-X. Luna-X is an unmanned air vehicle (UAV) which is able to perform autonomous security surveillance and high altitude inspection without requiring any manual control require.

- **AUTOMATIC FACE RECOGNITION ARTIFICIAL INTELLIGENCE (AI)**
  IME Solutions
  Students came up with an automatic face recognition AI Project to help manufacturers especially in the high mix low volume industries to better manage their production shop floor.

- **FIRE-RETARDANT PRODUCT DESIGN**
  Asian Resinated Felt
  Students took on the challenge of determining alternative material that could be researched to improve the capabilities of the current felt material to improve the heat and acoustic insulation for automobiles.

- **HYDRPHONIC FARMING**
  Urban Farm Agritech
  Students were tasked to build prototypes demonstrating the use of mechanical tools to replace human effort. The objective of the project is to semi-automate the hydroponics farming process to reduce dependency on manual labour.

INTI NETWORK

INTI INTERNATIONAL UNIVERSITY DU022(N)
06-798 2000 |
Persiaran Perdana BBN, 71800 Putra Nilai

INTI INTERNATIONAL COLLEGE SUBANG DK249-01(B)
03-5623 2800 |
No. 3, Jalan SS15/8, 47500 Subang Jaya

INTI INTERNATIONAL COLLEGE KUALA LUMPUR DK075(B)
03-2052 2888 |
Menara KH, Jalan Sultan Ismail, 50250 Kuala Lumpur

INTI INTERNATIONAL COLLEGE PENANG DK249-02(P)
04-631 0138 |
No. 1-Z, Lebuh Bukit Jambul, 11900 Penang

INTI COLLEGE NILAI DK249(N)
06-798 2133 |
Persiaran Perdana BBN, 71800 Putra Nilai

INTI COLLEGE SABAH DK249-03(S)
088-765 701 |
Lot. 17-20, Phase 1B, Taman Putatan Baru, 88200 Kota Kinabalu

INTI EDUCATION COUNSELLING CENTRES (266729-P)

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