



COMPUTING & I.T.

BE THE NEXT TECH TITAN

Redefine the way we embrace new technologies



About INTI

One of the most respected and trusted names in Malaysia's private higher education, INTI International University & Colleges celebrates more than 30 years of empowering young minds with over 65,000 graduates to testify to the quality education it delivers. INTI provides access to the global resources, best practices, teaching methods, international faculty and learning management systems that are truly world class.

With a strong focus on innovative learning and the integration of technology into the classrooms, INTI emphasizes an education that is tailored to the needs of tomorrow's leaders.

INTI's Enrolment to Employment initiative is also instrumental in helping INTI students develop the skills, knowledge and capabilities as they become the game changers of the future. Our collaborations with Industry Partners have laid the foundation for our positive student outcomes in employability, and this is a reflection of the skills and capabilities our students are able to demonstrate.

INTI GRADUATE
EMPLOYABILITY
SURVEY 2017
VALIDATED BY
BDO



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



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



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



6
campuses across
Malaysia

30+
years of Empowering
Young Minds

17,200+
students currently
served

1,000+
employees nationwide

65,000+
graduates whose
lives we have touched



INTI International
College Penang



INTI International
College Kuala Lumpur



INTI College Sabah



INTI International
College Subang



INTI International University,
Putra Nilai / INTI College Nilai



MASTER THE SURVIVAL SKILLS OF THE 21st CENTURY

TECHNOLOGY MAKES THE WORLD GO ROUND

Almost every aspect of our daily lives is now reliant on technology. From the movies we watch, the applications we use, the cars we drive and the restaurants we dine at, Computing and I.T. have seeped into every part of our lives today. It is almost impossible to think about the tasks we carry out today which do not include technology.

As innovations continue to evolve, more professionals are needed to harness the increasing power of technology. The tech world is blossoming with lucrative career opportunities across a myriad of disciplines and industries. Professionals in this field can contribute to almost any area they are passionate about, while developing their own work which is meaningful and rewarding. At INTI, we equip you with the skills and expertise to master technology and the future.

In collaboration with the world's best I.T. providers and leading technology innovators, INTI offers its students access to the latest cutting-edge technologies, expertise and professional certifications which will prepare you for the workplace even before you

graduate. Industry based curricula which meet the market needs help you towards becoming a knowledgeable and skilled IT professional who can contribute to today's knowledge-based economy.

INTERNATIONAL EXPERTISE AND COLLABORATION

To ensure that its programme content remains both forward looking and relevant, INTI organises regular sessions by visiting professors, industry professionals and guest lecturers from affiliated universities worldwide. This helps to expose students to current industry practices, real-world scenarios and technologies which help them to stay abreast of the latest challenges in information technology.

Visiting lecturers also serve to enhance the student experiences at INTI by collaborating and facilitating inbound and outbound study tours, and transnational employer projects with leading technology companies such as IBM and Dell.

INDUSTRY READY TRAINING

Programmes at INTI are constantly assessed and mapped to the current demands of the

job market. Recent developments in technology and the knowledge-based economy have prompted the addition of modules that support E-Commerce and Online Businesses, additional specialisation in Network Security and the usage, implementation and application of Big Data, especially in the development of business intelligence.

Combined with this dynamic and robust syllabus, INTI has integrated a strong requirement for compulsory internships with leading technology companies, to provide invaluable workplace experiences that ensure graduates are job-ready when they complete their studies. Students have had the opportunity to intern with leading organisations such as Sony, Ricoh, Western Digital, Unisem, ON Semiconductor, Proftera, PWC and more.

To provide further training that is relevant to the demands of the job market, students at INTI are regularly exposed to industrial training and assigned employer projects based on real-world scenarios throughout the course of their programme. This helps them to acclimatise to the fast-moving job market and understand the expectations of their future employers.

CONSTANT SKILLS ENHANCEMENT

One of the cornerstones of the academic syllabus at INTI is its focus to offer relevant, hands-on technical experiences to students. The new knowledge-based economy requires unique skill sets, one that INTI imparts through regular workshops that cover the creation of mobile applications, Android based developments, basic PC hardware troubleshooting and an introduction to Operating System Modules from SUSE LINUX. This comprehensive set of technical skills and experiences are invaluable and can be applied to other non-technical fields of endeavour.

To date, INTI is the only institution of private higher learning in the country to offer a curriculum that is integrated with content from the Cisco Academy. Future developments to these programmes will provide students with the opportunity to be CCNA/Cisco certified upon graduation, further enhancing their employability.

REGULAR EXPOSURE TO WORLD CLASS COMPETITIONS

To foster a competitive spirit of excellence, INTI students are regularly exposed to an array of

competitions at both local and international levels, which provides them with an additional avenue to apply and develop their skills.

In 2017, students from INTI took part in the Penang International Science Fair Mobile Apps Challenge and emerged as Champion. The team created a mobile app that allows users to report sighting of stray animals for rescue mission. The students were able to enhance their skills in mobile application programming and created solutions that could be used to benefit the society.

In 2018, five students from the Computer Science and Computing programme participated in a Code-a-Thon competition. They emerged as the Global winner of the "Most Socially Impactful Award" in the university category. They have created an app for a programming game, to tackle the gender inequality issue. The students won 500SGD and attended the prize giving ceremony recently on March 27th 2018, at the Google headquarters in Singapore. They also presented their winning app in the prize giving ceremony, and were given a chance to join a Google makerspace workshop to work on a Google AIY project.



INTI & IBM INNOVATION CENTRE FOR EDUCATION (IBM-ICE)

Smarter students for a smarter planet

INTI is honoured to be the **FIRST** private higher education institution in Malaysia to offer programmes in collaboration with IBM.

IBM-Innovation Center for Education (IBM-ICE) is an academic-industry alliance between INTI and IBM aimed at preparing the Next Generation of Young Professionals using cutting-edge IT skills directly through the University's curriculum. This gives students the opportunity for technology leadership roles in IBM and IBM's Global System Integration and ISV Partners.

Benefits of the programme:

- Innovative curriculum jointly developed with IBM on various industry specializations, based on the skills requirements of various organizations across the world including Banks, Computer Services, Education, Healthcare, Insurance, Manufacturing, Retail and other industries.
- Incorporate learning of industry and IBM using live industry cases
 - Industry Subject Matter Expert (SME) Lectures & Webinars
- SMEs on each technology/domain will visit the campuses and deliver guest lectures to students
- Courseware - books and material for each student
 - Developed by IBM Labs, Learning Services team, and some partners
- Pathway to Professional certification by IBM
- IBM Digital Badge credentials
- Improve your prospects for a global career with the best companies

University Degree with Specialisations

Get your degree by adding a specialisation that an industry needs.

Academic Certifications

Get certified on next generation technologies and get the best jobs in the market



IBM-ICE FOR COMPUTING & IT PROGRAMMES



Innovation Centre for Education

INTI DEGREE IN INFORMATION TECHNOLOGY

(Business Analytics new)

in collaboration with
INTI INTERNATIONAL UNIVERSITY



Innovation Centre for Education

INTI DEGREE IN COMPUTER SCIENCE

(Business Analytics new)

in collaboration with
INTI INTERNATIONAL UNIVERSITY

BUSINESS ANALYTICS (New specialization)

Business Analytics is the process of converting data into insights. With the increase in the availability of data, Analytics has now become a major differentiator in both the top line and the bottom line of any organization. The specialization in Business Analytics teaches the use of data and models to support decision making in business. Students learn how to model such relationships as the impact of advertising on sales, how historical data predict stock returns, and how changes in task characteristics can influence time to completion. This programme helps prepare students for careers in "economy of tomorrow" industries. They play a vital role in their organizations' technological direction. In an IT end-user industry, Business Analytics and Optimization (BAO) responsibilities can reside in various corporate functions and departments, such as operations, product development, information systems and finance.

For IT consulting/services and IT products organizations, the BAO consultants lead large-scale data warehousing and business intelligence projects, advising large clients the world over in reshaping their businesses.

Programme outcome

- Relevant theoretical and practical knowledge to understand Business Analytics solutions and highlight key capabilities of Big Data & Business Analytics
- Understand the core technical concepts related to Business Intelligence, Big Data Analytics along with Hadoop Architecture and many more
- Use cutting edge Analytical Tools to Find, Interpret, Analyze Business Data
- Aligning Technology to the need of Business and interpreting outcome

Career Prospects

Business Analytics Strategy Consultants, Business Intelligence and Performance Management Consultants, Advanced Analytics and Optimization Consultants, Enterprise Information and Management Consultants, Enterprise Content Management Consultants and more

IBM-ICE MODULES FOR BACHELOR OF COMPUTER SCIENCE (HONS) BUSINESS ANALYTICS / BACHELOR OF INFORMATION TECHNOLOGY (HONS) BUSINESS ANALYTICS

- Introduction Business Analytics
- IT Infrastructure Landscape
- Data Mining and Predictive Analytics
- Data warehouse and Multi-dimensional modeling
- Business Intelligence
- Social, Web & Mobile Analytics
- Big Data Analytics
- Web-programming with PHP

Upon completion

Further, upon completion of all IBM courses, students will be eligible for an IBM Badge in Data Science, along with an IBM-ICE transcript indicating the successful completion of all the 8 IBM-ICE modules within the INTI Bachelor of Computer Science (Hons) Business Analytics or INTI Bachelor of Information Technology (Hons) Business Analytics programme.

CLOUD COMPUTING (New specialization)

Cloud Computing has become one of the most important topic of conversations among the IT community. Cloud computing is used by many businesses, whose employees and customers could access their data with a variety of Internet-connected devices. This way, these businesses don't have to build and run their own data centers, which can be way more expensive. The Cloud Computing and Virtualization specialization prepares students to understand the emerging technologies of Cloud Computing and Virtualization, their principles, modeling, analysis, design, deployment, and industry-oriented applications. Major solution architectures and enabling technologies are covered.

The Cloud Computing Programme prepares students to understand the:

- Emerging technologies of Cloud Computing and Virtualization
- Principles, modeling, analysis, design, deployment, and industry-oriented applications
- Major solution architectures and enabling technologies
- Developing of applications and services

Career Prospects

Cloud Solution Architects, Cloud System Administration, Cloud Security Specialists, Cloud Application Development/Maintenance/Testing, Migration & Modernization Specialists, Cloud Project Management and more



Innovation Centre for Education
INTI DEGREE IN COMPUTER SCIENCE
(Cloud Computing ^{NEW})
in collaboration with
INTI INTERNATIONAL UNIVERSITY

IBM-ICE MODULES FOR BACHELOR OF COMPUTER SCIENCE (HONS) CLOUD COMPUTING

- Introduction Business Analytics
- IT Infrastructure Landscape
- Introduction to Cloud Computing & Virtualization
- Cloud Computing Architecture & Deployment Model
- Backup & Disaster Recovery
- Cloud Security
- Mobile Apps Development Using Android
- Web-programming with PHP

Upon completion

Further, upon completion of all IBM courses, students will be eligible for an IBM Badge in Cloud Computing, along with an IBM-ICE transcript indicating the successful completion of all the 8 IBM-ICE modules within the INTI Bachelor of Computer Science (Hons) Cloud Computing programme.

DIPLOMA IN INFORMATION TECHNOLOGY / DIPLOMA IN INFORMATION AND COMMUNICATION TECHNOLOGY

The IBM-ICE programme emphasizes the importance of analytical skills and adds a broad layer of multi-disciplinary skills. To complement the Diploma in Information Technology / Diploma in Information and Communication Technology, a selection of the IBM-ICE modules will replace current subjects to help students meet the current and future needs of an increasingly digitized business field.



Innovation Centre for Education
INTI DIPLOMA
(Accounting*, Business*, Information & Communications Technology)
in collaboration with
INTI INTERNATIONAL UNIVERSITY & COLLEGES

IBM-ICE MODULES FOR DIPLOMA IN INFORMATION TECHNOLOGY / DIPLOMA IN INFORMATION AND COMMUNICATION TECHNOLOGY

- Introduction to IT Infrastructure Landscape
- Introduction to Web Programming with PHP
- Introduction to Cloud Computing
- Introduction to Business Analytics
- Introduction to Mobile Apps Development

Upon completion

At the successful completion and assessment of an IBM-ICE module, students will be eligible for an IBM Badge. In addition, at the end of the programme completion student will be given an IBM-ICE transcript indicating the success of completing 5 IBM-ICE modules within the INTI Diploma in Information Technology / INTI Diploma in Information and Communication Technology programme.

IBM INNOVATION CENTRE FOR EDUCATION DIGITAL BADGES

IBM, together with leading universities the world over, is offering a series of technology courses and programmes through the IBM Innovation Centre for Education. The programme offerings are industry-aligned, and the courseware has been redesigned from the ground up, with a state-of-the-art delivery mechanism to enable students to learn industry-relevant skills.

The students get hands-on learning opportunities, guest lectures by industry experts, online labs, events on and off campus and much more to keep learning fun, productive and engaging while infusing deep skills for the professionals of the future.

On successful completion of the programme, the students become eligible for an IBM digital badge.

The IBM-ICE Digital Badges are a new online standard to recognize and verify skills acquired throughout the learning process. Each badge contains verified metadata describing your qualifications and the rigorous process necessary to earn them. A Digital Badge can be posted on Social and Professional Networking sites as well as in one's digital signature.

Recognize, Verify, Display



IBM Digital Badge Program
ibm.com/badging

IBM-ICE Digital Badges provide you with significant benefits:

- Digital version of your credentials
- Recognition of industry aligned skills
- Globally recognized standard
- Free access to a badge wallet for easy management of your badges
- Secure and verifiable means of storing and publishing your credentials

Source: <https://icebadges.au-syd.mybluemix.net/index.html>

International Exposure

SEE THE WORLD WITH INTI



LIFETIME EXPERIENCES. LOCAL FEES*, INTERNATIONAL EXPERIENCES

STUDY TOURS

INTI offers study tours for qualified students to other institutions. This provides them with a taste of life abroad and allows them to gain international experiences, both academically and culturally.

Study Tour to Alibaba HQ in Hangzhou, China



WORLD RENOWNED COLLABORATION 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 established 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 is ranked the Number 1 Hotel Management School in the Asia Pacific and Australia (TNS Survey 2017)



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. Students enjoy exceptional project and placement opportunities with leading cutting edge organisations who in turn provide enhanced employability opportunities upon graduation. Coventry University has been ranked No.12 UK University by the Guardian University Guide 2018.



Sheffield Hallam University UNITED KINGDOM

A modern university with a long and proud history dating back to the 19th century, the university is an integral part of the UK's largest practising community of artists and designers outside of London and is a benchmark for the creative industry. 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.



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 as well as several other accrediting bodies. Students can pursue their education at the sprawling 300 acre campus in Manchester, New Hampshire, or at its numerous regional centers or online.



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.



UNIVERSITY OF WOLLONGONG AUSTRALIA

University of Wollongong AUSTRALIA

A young and vibrant academic institution, the University of Wollongong has built a reputation for world-class research and some of the most career-ready graduates in the world for nine years in a row. The university ranked among the top 2 percent of universities worldwide among a host of other awards.

Innovative Learning

THE FUTURE OF LEARNING IS HERE

As a trailblazer in education for over three decades, INTI has been at the forefront of education innovation by offering an academic curriculum that is not only industry relevant but is also immensely effective.

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. Combined with a world class curriculum that incorporates industry-relevant courses in tandem with real-world scenarios and projects, INTI graduates are highly employable and empowered to make a positive difference from day one.

EFFECTIVE ONLINE LEARNING FOR A NEW AGE

The cornerstone of INTI's world-class learning methodology is the Blackboard Learning Management System that is integrated into many programmes taught at INTI. With Blackboard, learning does not only happen in the classroom, it happens everywhere.

Blackboard isn't just about reading course notes. 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 that encourages creativity, critical thinking, and collaboration.

Classes become active forums to interact and grow as students share knowledge and collaborate with their peers. This personalised, interactive approach to learning results in well-rounded, highly motivated individuals who gain critical thinking skills and the motivation to give them an extra edge in the global workforce.

MEASURABLE ASSESSMENTS

Students enrolled at INTI gain a bird's eye view and are able to develop a road map for their academic progress through INTI's revolutionary Blackboard system which allows course supervisors to monitor every aspect of a student's performance from their attendance to the quality of their coursework and much more.

Course supervisors are also able to actively monitor, advise and pinpoint areas for improvement and offer consistent feedback to ensure students can address the weaknesses in their academic performance. This directly impacts student success and ensures better student outcomes.

Blackboard analytics



Blackboard collaborate

Microsoft 365

INDUSTRY-RELEVANT PROGRAMMES

Today's work environment is more fast paced than ever before, demanding a host of 21st century skills that young professionals must demonstrate in order to excel and succeed. Recognising the importance of addressing the needs of both students and the industry, INTI has remained at the forefront in ensuring the employability and job-readiness of its graduates. Each and every course taught at INTI integrates industry-relevant curriculum that is constantly evaluated for relevance.

As part of that goal, INTI lecturers undergo Faculty Industry Attachment (FIA) programmes where they are seconded to top industry partners for several months. Lecturers go through an orientation and on-boarding process including real-world scenarios in order to gain an in-depth understanding of what a new graduate hire will experience and what are the current demands of the job market.

INTI has established Industry Advisory Boards (IAB) that call upon active and influential professionals as well as recognised leaders in each industry ranging from Business, Engineering, Hospitality, Art and Design, and Information Technology to advise the academic boards on curriculum design and course delivery. This ensures that students will acquire the knowledge and soft skills that can be immediately applied from the first day of work.



"Collaborating with GE is a new trend in learning, the experience gave me valuable knowledge on skills and attributes that would initiate fresh graduates today. Students who are privileged to have this hands on learning experience in a relevant learning environment with academics, will prove to be the best graduates in their field. Faculty Industrial Attachment (FIA) is what Outcome Based Education is all about."

Ir Gerald Victor PEng, CEng, MIEM, MIMechE UK
Senior Lecturer, Mechanical Engineering Department,
Faculty of Engineering and Quantity Surveying, INTI International University

(left to right) Ir Gerald Victor with fellow FIA participant from INTI, Ms Kannaki Narayansany along with INTI's Career Services representatives, Matthew Keough and HR managers from GE

REAL WORLD EMPLOYER PROJECTS

INTI maintains close ties with the world's leading companies to enable students to gain invaluable work experience before graduation. To date, INTI has collaborated with over 450 top-tier employers across a host of industries such as Microsoft, General Electric and Mercedes-Benz, and is constantly expanding its list of collaborative partners to ensure industry relevance.

As part of their programme syllabus, INTI students are divided into teams with complementary skill sets and assigned to projects that critically test their knowledge and allow them to develop and apply their soft skills to actual business scenarios. These projects allow students to experience first-hand challenges faced by businesses while learning to apply industry best practices in actual conditions faced in the real world. Upon graduation, an INTI student will have a decisive edge with a storehouse of practical experiences and worldwide employability.



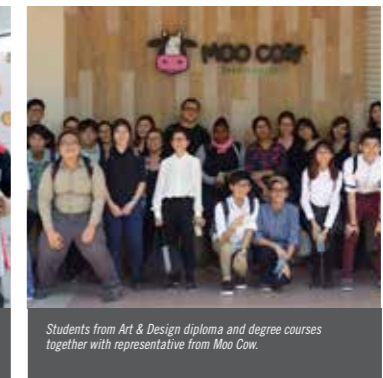
Students from Diploma in Business course together with mentors from Maybank's Go Ahead Challenge team.

CLIENT: MAYBANK MALAYSIA
MAYBANK RECRUITMENT
DRIVE PROJECT



Our Mechanical Engineering students received the award from Shell International and they were offered internship at PCA.

CLIENT: POLYMER COMPOSITE ASIA (PCA)
MECHANICAL ENGINEERING
DESIGN PROJECT



Students from Art & Design diploma and degree courses together with representative from Moo Cow.

CLIENT: MOO COW INTERNATIONAL SDN BHD
MOO COW MULTIDISCIPLINARY PROJECT
ON FUNCTIONAL FOOD

Individual Development

STAND OUT FROM THE CROWD

WITH EXCEPTIONAL EMPLOYABILITY SKILLS



BUILD YOUR PERSONAL BRAND

Every year, more and more graduates join the workforce. Among a sea of graduates, there's only one decisive way to stand out from the crowd and to get the job that you want - to demonstrate outstanding 21st century skills and gain work experience even before you graduate.



HANDS-ON LEARNING EXPERIENCE Practical knowledge from the get-go

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.



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

The world's leading professional networking site, LinkedIn is used by industry professionals to connect with one another, enhance their visibility in the competitive job space and access jobs worldwide. 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. To get INTI students started on their profile, 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.



GOOGLE MY BUSINESS Increase your skills with the latest digital tools from the experts

Google Activate is an extracurricular program by Google in partnership with INTI International University & Colleges, where students reach out and help small business owners in their community to take their first step towards digitization and growing their businesses. Students will have access to free, face-to-face and online courses in Google My Business and related digital solutions, which will help them develop their own competencies in digital brand development. Open to all students, this program offers practical experiences in digitizing businesses and improving brand visibility, important competencies for students entering the 21st century workplace or in their own entrepreneurial pursuits.



MICROSOFT VIRTUAL ACADEMY Master skills from one of the world's biggest names in technology

Through INTI's close ties with Microsoft, students enjoy access to the prestigious Microsoft Virtual Academy. This portal is designed and managed by Microsoft to offer cutting edge courses in a host of topics on technology, and covers everything from coding to mobile app development in 14 different languages. INTI students get access to these courses for free and those who successfully master these subjects will receive certifications and credibility for their future employment.



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.



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

New students and international arrivals 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 effectively supports new students to form social bonds and helps them become a part of the close-knit INTI community. These social bonds are invaluable and provide a significant part of the support a student receives during their journey at INTI.

EMPLOYER PROJECTS

EMPLOYER PROJECT WITH IBM



Project Title:

Case Study on “ITIL: Incident, Problem and Change Management” with IBM

Course:

3+0 Bachelor of Information Technology (e-Business/Network Design & Management), University of Wollongong, Australia

Gaining international experience is crucial as it helps students become more adaptable to different learning environments, and gives them a foundation for their future careers. Working on a transnational project for global technology giant, IBM, enabled INTI students to learn the varying opinions and perceptions of their international peers, and empowered them to develop creative solutions to the business issues shared by their employer.

DIVERSITY IN LEARNING

Aimed at empowering students through international collaborations, INTI engaged with global tech giant, IBM, to develop a transnational employer project, which enabled INTI students from the University of Wollongong programme to collaborate with their Australian counterparts. INTI's collaboration with established universities throughout the world provides students with the opportunity to visit, converse and learn from international lecturers and peers, and gain deeper insights into working with people of diverse cultures and backgrounds.

THE PROJECT BRIEF

INTI's Career Services Office, an in house team dedicated to working with close to 400 industry partners in helping students gain practical work-related experiences, sourced for a good case study related to ITIL. Working together with IBM, 20 INTI students from the Bachelor of Information Technology (e-Business/Network Design & Management) programme were given the chance set about to analyse the case study on “ITIL: Incident, Problem and Change Management”, which kicked off as early as the first week of their semester. Students were given a full introduction to the project and attended a prep session which emphasized IBM's expectations and the key dates and deliverables for the project.

WORKING WITH IBM

Under the guidance of a project manager and also an IT architect and consultant at IBM, the students were guided through the project and were able to share their concerns. Apart from the major project, the students were also required to undertake a smaller assignment before diving into the main aspects, which help them to prepare for the tasks ahead. The additional assignment ensured they were clear on what is needed to be accomplished and the expectations they needed to meet in working with the global conglomerate.

COLLABORATING FROM A DISTANCE

To facilitate the cross-border communications required for the project, students were taught to utilize a common learning platform, Moodle, which included easy-to-use discussion forums. This learning platform was also used on a regular basis as the official collaboration tool between the IBM team and the students. Leveraging INTI's video-conferencing facilities on campus, the students were able to engage easily with their employer, and to seamlessly exchange information that was in an engaging and dynamic manner. The use of technology to support the overall three-way communications between both institutions and IBM created a conducive environment for the students' learning process.

GOING BEYOND THE CLASSROOM

To ensure that every student contributed equally to the overall success of the industrial project, a peer assessment was carried out. Each student assessed their peers on aspects such as listening skills, leadership skills, cooperative skills, online support and time management skills. The outcome resulted in both sets of student teams sharing the same goals to excel in the project and deliver the best outcomes possible. Towards the end of the project, the students presented their findings to IBM and their respective lecturers.

Although the project only spanned 18 weeks, the students provided positive feedback, many of whom shared that the entire task helped them tremendously in developing important life skills. It was an effective method to increase students' learning and introduce them to the real world, enabling them to build a solid foundation for the the rest of their programme and gain a better understanding of the industry.

EMPLOYER PROJECT WITH FLEX PENANG

Project Title:
Quality Data Transfer System

Programme:
Bachelor of Science (Hons) in Computer Science 3+0, and Bachelor of Science (Hons) in Computing 3+0, both in collaboration with Coventry University, UK

Eight INTI students from the 3+0 Bachelor of Science (Hons) in Computer Science in collaboration with Coventry University, UK programme (BCSCU), had the pleasure of collaborating with Flex Penang. The company is the Sketch-to-Scale® solutions provider that designs and builds Intelligent Products for a Connected World™.

THE ISSUE

In the manufacturing sector, the 'Quality Data Transfer System' (QDTS) is a web based system that is widely used at production floors. The system automates the QA inspection, and approval process. At the same time, it performs data analysis and presents the results in various charts for management review. In order to develop and control this situation, the system would need to work properly.

THE PROJECT BRIEF

The main objectives of this employer project was to develop an automated system to enhance the QA inspection system, replace the current manual inspection and buyoff business process, in order to improve the employer's productivity and production quality.

APPLYING CLASSROOM KNOWLEDGE

In order to solve the task at hand smoothly, students applied what they have learned in class. Their skills in the areas of Computer Science and IT were performed during the project.

THE OUTCOME

The project was initiated in June 2016, whereby Flex approached INTI International College Penang for the Employer Project (EP) collaboration. There were three phases involved. Phase one was about business requirement gathering and prototype development, and testing. It involved three Diploma in Information and Communication Technology students, under the supervision of Ms Koo Lee Chun. The EP was completed by the end of November 2016, as phase one EP and the project was passed to Flex for review and observation. As for phase two, it started on August until November 2017. It was about the



enhancement, development and deployment of the Data Transfer System to the production floors. In this phase, the project was developed by two students from BCSCU programme, and INTI International College Penang – Cheok Ju Kheng and Tan Shu Xuan. Since August 2018, the system is currently pilot run in the production. The enhancements were to include the defect disposition process, which is still in progress. We also appointed three Computer Science students to work on phase three of the project, from August to December 2018. The students will work on the EP as internship trainees within the Flex Company.

KEY LEARNINGS

We believe through these helpful trainings and exercises, students were able to experience working in real life projects as well as industries. They have also successfully put their knowledge into practical practices.

EMPLOYER PROJECT WITH RAMRAIS

Project Title:
Revamp RamRais Legal Firm Website

Programme:
Bachelor of Computer Science (Hons) in collaboration with Coventry University, UK

RamRais is an established premier law firm in Malaysia. And they were looking for a way to revamp their legal firm website, to make it more interesting. So, a collaboration between them and eleven of INTI students from the Bachelor of Computer Science based in INTI International University was done to execute this exciting direction.

THE ISSUE

RamRais wanted a whole new look and feel for their legal firm website. So, they wanted someone to come up with fresh and new design ideas that would make their website look more attractive and refreshing.

THE PROJECT BRIEF

The objective of this project was for students to study the current trends that were happening in the website world – in terms of designs and developments, specifically for the legal industry. They were also assigned to come up with a design recommendation for the employer's consideration and adoption. In addition, they needed to use WordPress or any website platform that is easy to use when editing and changing the website.

APPLYING CLASSROOM KNOWLEDGE

During the project, students applied what they have learned in class to execute their task. They used Software Quality Standards (SQA) and Software Quality Assurance (SQA).

RamRais® & Partners



THE OUTCOME

The students presented a successfully revamped website design and development and even had the opportunity to work with prototypes of RamRais website.

KEY LEARNINGS

Throughout the project, students learned how to work collaboratively and evaluate the quality standards of software. They were also able to demonstrate and apply critical as well as analytical thinking skills. Furthermore, they managed to propose relevant features and functionalities that are suitable for the intended stakeholders of the proposed system. All in all, the presentation was a success as they were able to please audiences of RamRais with the revamped website.



HEAR WHAT OUR ALUMNI SAY



ANNABELLE

Job Title: IT Support Officer / Programmer, Keysight Technologies
Course of study at INTI: 3+0 Bachelor of Information Technology, University of Wollongong, Australia

As a young IT student, Annabelle thought she wasn't technically-savvy enough to pass her programme. As a fresh graduate she thought she wasn't skilled enough to become an engineer. Yet Annabelle graduated with a first class honours and quickly moved on to become part of the team that developed Keysight Technologies' latest high-performing oscilloscopes. Annabelle tells us how INTI gave her the platform to develop her full potential in IT.

“ I was first attracted to INTI because of its variety of industry-focused courses. I had just completed my SPM and was going through a confusing phase where I had no clue what to study next. When I approached the INTI mentors with my questions, they gave me a career field test and provided me with invaluable guidance on the best course for me. I learned so much from their consultation sessions that I was able to make an informed decision to pursue IT. I liked that the programme served as a foundation in moulding me towards becoming technically prepared for the industry.

Although I was an IT student, I dreaded technical papers. I am not a technical person, I was also a slow learner in programming and I struggled with lab tasks. Often, the first thought that came to my mind was “Will I survive this semester?” and “Will I be able to complete the assignment?” The only thing that sustained me was my determination to maintain my CGPA. Therefore, I was never too shy to ask for help, especially from my lecturers and seniors. It was amazing that they never became tired of my incessant questions, even when it started to annoy my course mates! My lecturers were great that way, they were always available to give me the guidance I needed.

I am an IT graduate, yet the skills I learned at university were so comprehensive that they covered the job specifications of an engineer. After graduating, I joined Keysight Technologies, a US based company that produces testing and measurement equipment and software, as an IT support officer/programmer in the Design and Engineering department. I now work closely with a team of test engineers in running interoperability and enumeration testing on both hardware and software test automation.

My advice for IT students is to pick up extra programming languages and skills during your free time. Upon entering the working world, it will serve as a good foundation when you are asked to quickly pick up new languages. Most importantly, don't forget to participate in activities and have fun during your student life. ”



ADRIAN KHOR YUNG KIAN

Job Title: IT Engineer, Human Resocia Co. Ltd, currently a dispatch at Hitachi KE Systems Ltd. located in Chiba, Japan
Course of study at INTI: Bachelor of Science (Hons) in Computer Science, 3+0, in collaboration with Coventry University, UK

“ Precise. Thorough. Relevant. These three keywords pretty much summed up what I've been through when I underwent Diploma in Information and Communication Technology (DICTN), and the Bachelor of Science (Hons) in Computer Science (BCSCU) programme in INTI International College Penang. With the wide range and scope of the subjects offered by INTI, I was exposed to various fields, such as networking, programming, human-computer interaction (HCI), security, artificial intelligence, computer science, software engineering (SE), and so forth. What was more exciting is that, at the end of the course, I could clearly see the dots connecting all of these aspects together!

I was curious about a lot of things, and there were a lot of questions running through my mind. For example, 'Why is a user interface designed in a particular way?' HCI covers that. Or 'How do I reuse the components that I have written and code in a way that follows good design and practices?' SE covers that. Or 'How do I efficiently design and programme a client-server software?' Network, programming, and SE covers that. And the list goes on.

Students were offered ample amount of opportunities that were up for grabs. Take Employer Project (EP) for instance. I had opportunities to work on projects with several companies under Employer Project. And one of the best achievements I've had was to continue working on an EP as an intern, in the same company that offered the EP!

Throughout the EPs, I was guided by lecturers with rich experiences in the computing field. Through their guidance, advices, and constructive criticisms, I've learned a lot of things – programming languages and concepts, software frameworks, service platforms, technology stacks, software designs and patterns, best practices, and so on. All of these are indispensable in my programming toolbox.

I found that being a part of the INTI International College Penang family does not limit you to only be in Penang. I actually had the chance to participate several hackathons with my friends at the INTI International College Subang campus! They were challenging, but mostly fun. I also had the privilege of meeting some of the brightest minds in the IT field, from different campuses and colleges. In a leadership conference, I had the chance to meet VIPs from various industries, INTI alumni who succeeded in their careers, and student leaders from INTI campuses, all over Malaysia!

In today's era, information technology (IT) is practically indispensable. It's an exciting time to be involved in the IT industry. The landscape changes rapidly, and we are directly involved in changing the world landscape. Through IT, one can transform a novel idea into a product that can create ripples in the landscape. It's very exciting what one can accomplish today, especially with the advent of present evolving technologies, such as augmented reality, big data and machine learning, Internet of Things, cloud computing, and many more!

After completing the BCSCU programme, I felt confident in facing the real world prepped with knowledge and skills that I have learned throughout my days in INTI International College Penang. Stepping out from college and entering the workforce is merely a beginning of a new journey, but it did place us all a huge leap forward! I believe that the learning beyond college never stops, and that is what gets me excited. ”



MAVIS ONG

Job title: Consultant Developing, HCL Axon Malaysia Sdn. Bhd.
Course of study at INTI: Bachelor of Science (Hons) in Computing, 3+0, in collaboration with Coventry University, UK

“ After finishing my STPM, I wasn't able to get into any of my desired courses. So, I decided to pursue into the field of computing, by taking up the degree programme at INTI. It was my first choice because it offered a solid course structure, with a good mix of theoretical knowledge, and practical applications.

Since young, I was always curious on how software operates in the operating system. I had questions like, 'What happens if I click this?' or 'How is that software created?' I guess you could say I was always looking around to get a better understanding of how computer system works. As I learn more about the inner workings of IT, the ability to analyse and build a system that can solve a real world problem, that is something I am very proud of. As one of the few females in the IT and computing community, I would say that this industry is filled with plenty of challenges and scepticisms because it is a field that is largely dominated by male. However, I would like to take this opportunity to tell the world, that we women can also achieve great things in the IT field as well.

However, it is not all fun and games. As someone who studied and worked at the same time, I was forced to manage my time effectively, to make sure that I can maintain my results as well as earn enough to support myself. On top of that, I am a very hands-on person, so I can understand practical knowledge easily, but the same cannot be said for theoretical knowledge. I would need to spend extra effort and frequently ask my seniors or lecturers for further elaboration, in order to fully digest a particular topic. Thus, all my efforts paid off, and my proudest moment during my studying years at INTI was when I graduated with First Class Honours for my degree. It was something that I never ever dreamt of achieving. That being said, once you step into the working environment, a First Class Honours is nothing more than just the first step. Because what matters the most is the experience you gain from that moment on.

If I were to sum it all up, I would say it's probably fine to fail once in a while. Because I believe failure gives us the experience to achieve something greater since we already know what it feels like to fail. Just be sure to always be open to advices and seek for help when needed, because there is only so much we can do alone, and we don't have to experience failures all the time. Besides that, we should also learn through the experience of others. Lastly, grab any suitable opportunities that comes your way, and explore the work of different industries, even if it's not what you majored in. ”



NG CHUN HOW

Job title: Java Developer, Hewlett-Packard
Course of study at INTI: 3+0 Bachelor of Information Technology, University of Wollongong, Australia

Between graduating with a distinction in his course and pursuing his passion as a software developer, Chun How listed this one simple yet powerful thing as his top accomplishment - being able to fully support himself financially. Chun How is proud that he is able to provide for his family and repay his parents for all their support throughout the years.

“ I chose to join INTI because their IT programmes were developed in partnership with the University of Wollongong (UOW). Both INTI and UOW are top universities with global reputation academically and offer quality education. Being able to study close to home and still graduate with an Australian degree sealed my confidence in INTI's dedication to set students up for a world-class education.

The high level of dedication shown by my lecturers when it came to teaching and the guidance they provided exposed me to the exciting potential of a career in IT. As technologies worldwide advance at blazing speeds, computers and mobile devices have become an indispensable part of our lives.

I discovered how I could develop software to help communities solve problems and increase efficiency. This vision spurred my decision to join the computing industry as a software developer.

Other than the hard skills I learnt in the classroom, I also learned that to be a successful leader, you must have a positive mindset, confidence, and know how to make the right decisions for the right reasons at the right time.

Three words for students starting out in the working world: Be self-assertive. Start with that and it will take you far. ”



ONG TAH TUAN

Job title: Technical Specialist, IPNET Solutions
Course of study at INTI: Bachelor of Computer Science (Hons)

Ong Tah Tuan was a star pupil from the get-go. He started his degree by winning a fully-waived scholarship and graduated with a first class honours. His time in INTI paid off as he landed a job soon after completing university. It didn't take him long to win his bosses' trust and to be promoted as the company's Project Manager.

“ What I liked most about studying in INTI was the courses and activities that are tailored with a strong focus on employability. INTI often organised interesting events with industry leaders to provide us with a platform to network with future employers. My favourite event was the engagement session with leaders from General Electric, as I got to pick their brains and went home with tonnes of valuable insights to support my career choices.

I was recently appointed as the Project Manager for a few high-value projects in the company. Even though I am a fresh graduate who has just entered the working world, my bosses saw my potential. It is daunting, but with the skills I've learnt in university and my colleagues' confidence in my capabilities, I am ready to take on the responsibility.

There have been many mentors and inspirational figures in my life, so much so that I can't name just one person. From my lecturers in INTI and my first boss during my internship, to my family members and colleagues, many have guided me along the way. Each of them have inspired me at different stages of my life and impacted me in big and small ways.

If I could give one piece of advice for graduates entering the working world, it would be to follow your passion. It will be challenging but with the right skills and attitude, it will drive you to success. I believe in the saying: "Do what you love, love what you do, and you will never work a day in your life. ”

PASSION TAKES YOU PLACES

AT INTI, WE HELP YOU SOAR! EMBRACE. EXPLORE. EXCITE.

INTI International University & Colleges isn't just about academic programs alone. Across all of its six campuses in Malaysia, students are encouraged to embrace their passion and enhance their skills in a meaningful way. With a range of clubs and societies that offer a host of activities and interests, along with the opportunity to participate in study trips around the globe, INTI provides a nurturing environment that truly lets you spread your wings and expand your horizons.

Beyond that, INTI is a place where you can form bonds and friendships that will last you for a lifetime, while acquiring the soft skills that will hold you in good stead wherever you go in life. This pursuit of passion and camaraderie among our students has driven them to greater heights with a host of self-initiated projects that have taken them across the globe.



"I would not have succeeded without a dynamic and committed team with me, along with guidance from dedicated Lions and INTI staff. My experiences have molded me into a stronger leader and tremendously enhanced my soft skills. My fondest memory with the Leo Club was at the Leo Forum in Penang where I met fellow Leos from all over the country and had the honour of receiving several awards and giving my last speech as president."

GRACE LIM YEN-TZER
President,
Leo Club of INTI International College Subang



"When I first joined the Japanese Culture Anime Club (JCAC), I enjoyed how friendly and open everyone was. What I am most grateful for is how the club has taught me to be more outspoken and assertive. My most memorable moment was when the JCAC jointly held a gaming event in 2015. The camaraderie and the experience of working together as a team to organise and participate in the event were unforgettable."

RINA TAN
Assistant Event Planner,
Japanese Culture Anime Club (JCAC)



"Being a part of the club allowed me to unleash my potential by helping me explore my skills and capabilities beyond my comfort zone, and enabled me to establish a solid foundation with like-minded entrepreneurs. It also provided me with many opportunities to emcee numerous tech industry related forums and discussions which in turn helped me improve my organisational and time management skills."

JOSHUA MATHEWS
Technopreneur Club



RUBICON INTERNATIONAL BUSINESS CASE COMPETITION 2017

Location: Germany
INTI students won third place, ahead of teams from Germany at the Rubicon International Business Case Competition 2017 themed 'The Internet of Things (IOT)'. Rubicon encourages students to participate in this stimulating case study competition to develop critical thinking skills, where they are required to analyze and present possible solutions to a panel of judges. These cases revolve mostly around economic issues faced by various countries.



LAUREATE AWARD FOR EXCELLENCE IN ROBOTICS ENGINEERING COMPETITION 2017

Location: Brazil
Finding ingenious ways to automate for a greener environment, four mechanical engineering students from INTI International University have developed a robot with built-in Artificial Intelligence (AI) to keep recreational parks clean, by picking up and sorting out garbage for recycling. The second year students who competed at the Laureate Award for Excellence in Robotics Engineering held at Universidade Salvadore (UNIFACS) in Brazil was elated when they successfully clinched the 1st runner-up spot in the competition.



CODE-A-THON COMPETITION 2017

Location: Singapore
A team of five students from the Bachelor of Science in Computer Science / Computing degree at INTI International College Penang recently participated in a Code-a-Thon challenge organised by Code for Asia Singapore, and successfully won the 'Most Socially Impactful Award' under the university category. The winning team was cordially invited to the Code-a-Thon closing summit and prize-giving ceremony at Google's Asia Pacific headquarters in Singapore to receive their award.



COVENTRY UNIVERSITY STUDY TRIP 2018

Location: UK
The School of Engineering and Technology in INTI International College Penang recently organized a study trip to Coventry University, UK to provide students with the opportunity to interact with foreign students as well as broaden their knowledge of the environment in the real world industry. Students also gained exposure from various industry field visits and benefited from the career-focused itinerary.



STUDY TOUR TO CHENGDU 2018

Location: China
Students from the Faculty of Business, Communication and Law (FOBCAL) arranged a study trip to China as part of their initiative to learn more about the Chinese culture. The students visited many prominent national landmarks including the Chengdu Aeronautic Vocational & Technical College and Tencent Group. This tour played a significant role in their study experience as the activities done allowed them to appreciate the culture and to develop their analytical skills based on a global perspective.



STUDY TRIP TO INDIA 2018

Location: India
A study tour to The Association of People with Disability (APD) in India on 25 June 2018 was organized by INTI International University's (INTI) Physiotherapy department as part of the programme's hands-on clinical skills training abroad. The Physiotherapy programme helps students to formulate physiotherapeutic exercises and treatments for patients with physical disabilities, by providing learning sessions from current global industry experts and their ongoing initiatives.



UNIVERSITY OF WOLLONGONG STUDY TOUR 2018

Location: Australia
Twenty-six students from Centre for University of Wollongong Programs, INTI International College Subang visited University of Wollongong (UOW), Sydney on September 2018. Students gained valuable experiences during the one-week trip where they get to appreciate the innovative ideations from UOW Innovation campus. The tour allowed students to develop cross-cultural communication skills and learn to deal with local industry leaders, expatriates and homestay-families through cultural exchange activities. They also visited various business and government organisations.



EARTHQUAKE COMPETITION: 2018 IDEERS

Location: Taiwan
A group of Engineering students from INTI International University has won various awards at the 2018 IDEERS (Introducing and Demonstrating Earthquake Engineering Research in Schools), an international engineering competition held in Taiwan. The competition was jointly organised by several agencies including the Taiwan National Center for Research on Earthquake Engineering and the Asia-Pacific Network of Centers for Earthquake Engineering Research.

A MIND IS A TERRIBLE THING TO LOSE

HEALTHY MIND. HEALTHY BODY. WE'RE HERE TO HELP OUR STUDENTS ACHIEVE BOTH.

It's a fact, that college is not a walk in the park. The transition from high school to college is a significant change in one's lifestyle and being away from friends and family in a new and unfamiliar environment can be daunting. For many students, this transition, while exciting, can be tough to cope with.

According to the Ministry of Health, Malaysia, in 2016 alone, one in five Malaysian students suffered from mental health problems. What's worse, a prolonged state of mental health issues can result in permanent consequences, including schizophrenia, depression, insomnia and ultimately suicidal thoughts. According to the World Health Organization, suicide was the second leading cause of death among individuals aged between 15-29 years old, with a suicide attempt occurring every three seconds.



AS A STUDENT AT INTI, YOU'RE NEVER ALONE. WE'RE HERE FOR YOU.

To help you adapt to the demands of college life, INTI has developed the **MESA PROGRAMME**. Developed by INTI's team of experienced student counsellors through research in established student counselling methodologies, MESA serves as a bedrock for students throughout their journey at INTI, helping students to excel Mentally, Emotionally, Socially and Academically (MESA).

Providing a support group and source for counselling and guidance, MESA helps new and current students to cope with the demands of academic life and provides various platforms for them to develop into well-adjusted, successful individuals in life. Here's how various aspects of the INTI MESA Programme contribute to the mental health and happiness of our students:

M - MENTAL(LY)

Adjusting to the rigours of college life can be a daunting task. This is on top of potential family, health and relationship problems which may be more than what a student can bear. INTI's professionally trained team of student counsellors are able to lend a friendly ear and a helping hand through free, professional student counselling in a confident and discreet manner. Students are also exposed to workshops that highlight pressing mental health issues such as recognising and addressing the risks of suicide, identifying depression, ways of combating stress and more.

E - EMOTIONAL(LY)

Mental health is but one component to achieving a well-balanced and healthy lifestyle. Emotionally healthy people are able to cope with the challenges that life throws at them and have the ability to establish and maintain healthy social ties with those around them. To avoid feelings of isolation or alienation, INTI assigns a senior student mentor to new students who guide and help them to adjust to academic life. Students can also participate in group counselling sessions to understand the dynamics and nuances of managing relationships and learn to cope with life's challenges.

S - SOCIAL(LY)

INTI offers robust social programs across all its campuses that engage students in a positive and meaningful way. At INTI there are a rich array of clubs, social networks and activities - many of which are proactively initiated by fellow students - that promote social interaction, aid in improving soft skills and encourage students to contribute to their communities.

A - ACADEMICAL(LY)

The demanding pace of higher education requires students to rapidly master a host of technical skills and new ways of learning to succeed. With the integration of the Blackboard Learning Management system into INTI's first year experience programs, students gain a bird's eye view of their progress and can easily identify areas for improvement with the help of their lecturers and academic staff. These are also supplemented with regular workshops that help acclimatise students to the rapid pace of learning and usage of the Blackboard system.

MEET SOME OF INTI'S COUNSELLING TEAM. WE'RE HERE FOR YOU.

All INTI campuses have accredited and professionally trained counsellors who are available for consultation and counselling services.



With a Master of Counselling from the University of Malaya and a degree in Science and Education (Guidance and Counselling) from University Technology Malaysia, Siow Yen has extensive experience in dealing with students enduring relationship issues, depression, addiction and more.

LIM SIOW YEN
Student Counsellor



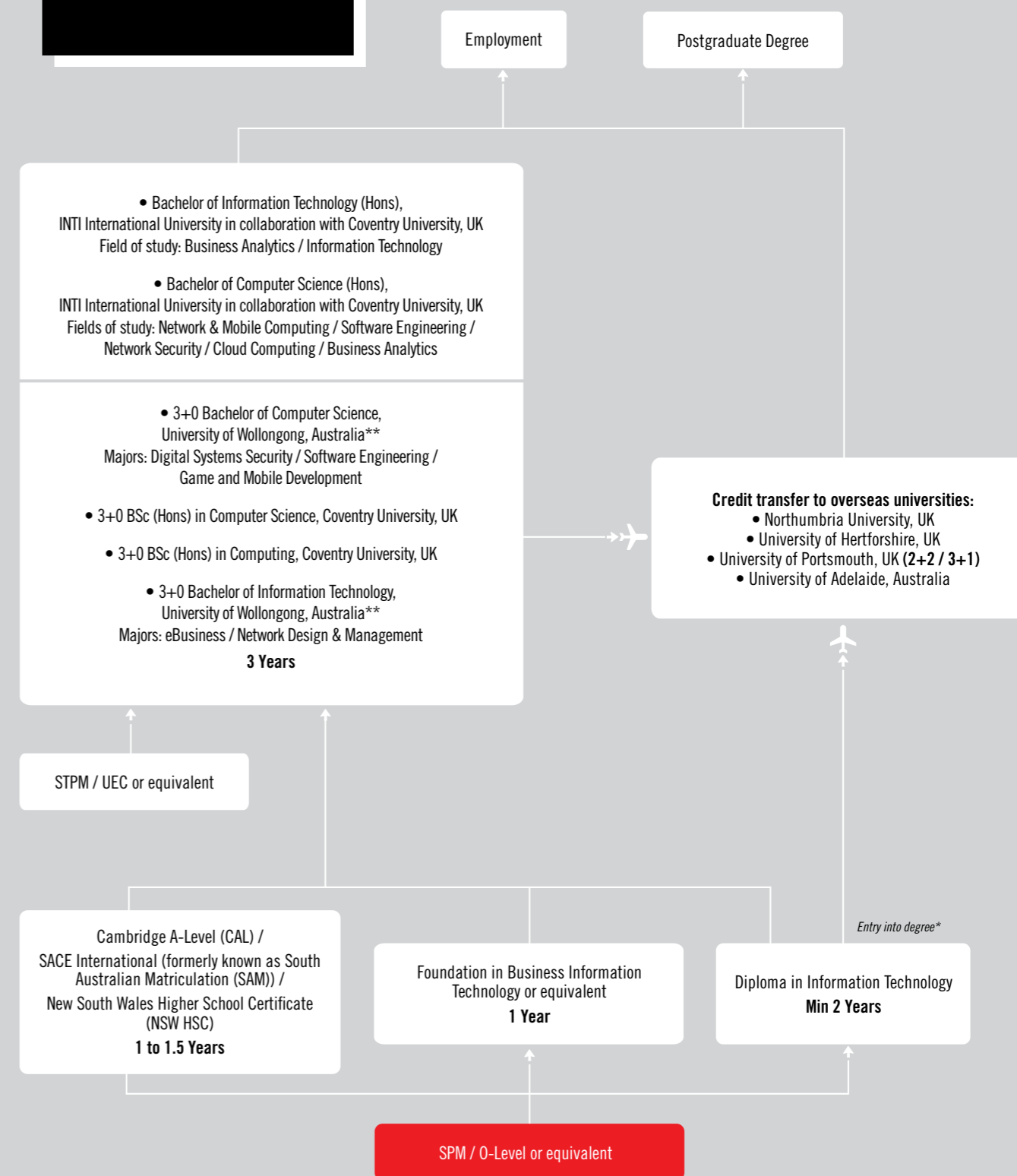
With M. Edu in Guidance and Counselling from the National University of Malaysia, Ker Shin has a friendly smile and a kind word for everyone she meets and is a familiar face at INTI. She has extensive experience in counselling students on life issues and also conducts regular workshops for personal management and development.

TEOW KER SHIN
Student Counsellor

CONTENT

	PAGE
Pathway	29
Entry Requirement	30 - 32
Foundation in Business Information Technology	33
Diploma in Information Technology	34
Bachelor of Information Technology (Hons) in collaboration with Coventry University, UK Majors: • Business Analytics	35 - 36
Bachelor of Computer Science (Hons) in collaboration with Coventry University, UK Majors: • Network & Mobile Computing • Network Security • Software Engineering • Cloud Computing • Business Analytics	37 - 38
3+0 Bachelor of Science (Hons) in Computing in collaboration with Coventry University, UK	39
3+0 Bachelor of Science (Hons) in Computer Science in collaboration with Coventry University, UK	40
3+0 Bachelor of Computer Science in collaboration with University of Wollongong, Australia Majors: • Digital Systems Security • Game & Mobile Development • Software Engineering	41
3+0 Bachelor of Information Technology in collaboration with University of Wollongong, Australia Majors: • E-Business • Network Design & Management	41
American Degree Transfer Program (AUP)	42

INTI COMPUTING & IT PATHWAY



*Subject to meeting entry requirements.
**Refer to University of Wollongong brochure for more details.

ENTRY REQUIREMENTS

BACHELOR OF INFORMATION TECHNOLOGY (HONS)

Foundation:

Completion of Foundation Programme in relevant field with CGPA 2.0 and credit in Mathematics in SPM or equivalent

Diploma:

A Diploma in Computer Science, Information Systems, Information Technology, Software Engineering or equivalent with a minimum CGPA of 2.5. Candidates with CGPA below 2.5 but above 2.0 maybe admitted subject to internal assessment process

Other discipline Diploma:

Any other Diploma with a minimum CGPA of 2.5 and credit in Mathematics in SPM or equivalent

A-Level:

2Es (and a credit in Mathematics in SPM or equivalent)

STPM:

2 principal passes with CGPA 2.0; credit in SPM / O-Level Mathematics

UEC:

5Bs (including Mathematics)

CPU:

5 passes with an average of 55 (not less than 50 marks for each subject including a credit in Mathematics in SPM or equivalent)

TEE:

5 passes with minimum aggregate of 279 (4 subjects including a credit in Mathematics in SPM or equivalent)

SAM:

5 passes with TER of 55 (not less than 10/20 for each subject including a credit in Mathematics in SPM or equivalent)

NSW (HSC):

10 units with ATAR of 55 (not less than 50 points for each subject including a credit in Mathematics in SPM or equivalent)

Australian Year 12:

4 or 5 passes with TER / UAI / ENTER of 55 including a credit in Mathematics in SPM or equivalent

Others:

Please refer to INTI International University

BACHELOR OF COMPUTER SCIENCE (HONS)

Foundation:

Completion of Foundation Programme in relevant field with CGPA 2.0 and credit in Mathematics and Additional Mathematics in SPM or equivalent

Diploma:

A Diploma in Computer Science, Information Systems, Information Technology, Software Engineering or equivalent with a minimum CGPA of 2.5 and credit in Additional Mathematics in SPM or equivalent. Candidates with CGPA below 2.5 but above 2.0 maybe admitted subject to internal assessment process

Other discipline Diploma:

Any other Diploma with a minimum CGPA of 2.5 and credit in Additional Mathematics in SPM or equivalent

A-Level:

2Es (and a credit in Mathematics and Additional Mathematics in SPM or equivalent)

STPM:

2 principal passes with CGPA 2.0; credit in SPM / O-Level Additional Mathematics.

UEC:

5Bs (including Additional Mathematics)

CPU:

5 passes with an average of 55 (not less than 50 marks for each subject including credit in Mathematics at SPM level and Additional Mathematics in SPM or equivalent)

TEE:

5 passes with minimum aggregate of 279 (4 subjects) including a credit in Additional Mathematics in SPM or O-Level

SAM:

5 passes with TER of 55 (not less than 10/20 for each subject including a credit in Additional Mathematics in SPM or equivalent)

NSW (HSC):

10 units with ATAR of 55 (not less than 50 points for each subject including a credit in Additional Mathematics in SPM or O-Level)

Australian Year 12:

4 or 5 passes with ATAR of 55 (including a credit in Additional Mathematics in SPM or O-Level)

Others:

Please refer to INTI International University

3+0 BSC. (HONS) IN COMPUTER SCIENCE, COVENTRY UNIVERSITY, UK

Year 1 Entry

Foundation / Matriculation:

Successful completion of the Foundation / Matriculation program that is approved by the Ministry of Higher Education with CGPA 2.0 and credit in SPM Additional Mathematics or equivalent.

STPM:

Passed STPM with gred C in at least 3 subjects (including Mathematics) AND credit in Mathematics and Additional Mathematics in SPM or equivalent

UEC:

5Bs (inclusive of Mathematics, Additional Mathematics and English)

A-Level:

Passed A-Level with passes in 2 subjects in Mathematics in O-Level or equivalent and credit in Mathematics in SPM and Additional Mathematics or equivalent

Canadian Pre-U or Ontario Secondary

Diploma:
Passed 6 subjects with average marks of 55 and credit in Additional Mathematics in SPM or equivalent

Australian Year 12:

Passed Australian Year 12 with average of 55 and credit in Additional Mathematics in SPM or equivalent

South Australian Matriculation (SAM)

Passed 5 subjects with minimum TER of 55, no subjects less than 10/20 and credit in Additional Mathematics in SPM or equivalent

NSW High School Certificate (HSC):

Passed with ATAR 55 (minimum 10 units) and no subjects score below 50 and credit in Additional Mathematics in SPM or equivalent

Monash University Foundation Year

(MUFY):
Passed Monash University Foundation Year (MUFY) with min 60% in 4 subjects and credit in Additional Mathematics in SPM or equivalent

Year 2 Entry

INTI Diploma

Diploma in Information Technology:
Successfully completed INTI's Diploma with CGPA 2.5 and credit in Mathematics and Additional Mathematics at SPM level. *Candidate with CGPA below 2.5 but above 2.0 can be accepted, subject to internal assessment evaluation process.*

Diploma in Computer Science, Information Technology, Software Engineering or equivalent:

Successfully completed a Diploma in Computer Science, Information Technology, Software engineering or equivalent with CGPA 2.5
Candidate with CGPA below 2.5 but above 2.0 can be accepted, subject to internal assessment evaluation process

English Requirements

SPM English Syllabus 1322:
Grade 1-6

English 1119:
Grade 1-6

GCE O-Level:
Pass

IELTS:
Band 6.0 & above

TOEFL:
550 & above

TOEFL (computer-marked):
220 or above

UEC:
B

3+0 BSC. (HONS) IN COMPUTING, COVENTRY UNIVERSITY, UK

Year 1 Entry

Foundation / Matriculation:

Successful completion of the Foundation / Matriculation program that is approved by the Ministry of Higher Education with CGPA 2.0 and credit in Mathematics in SPM or equivalent

STPM:

Passed STPM with gred C in at least 3 subjects (including Mathematics) AND credit in Mathematics in SPM or equivalent

UEC:

Passes with at least B in 5 subjects (including English and Mathematics)

A-Level:

Passed A-Level with passes in 2 subjects with credit in Mathematics in O-Level or equivalent

Canadian Pre-U or Ontario Secondary

Diploma:
Passed with average marks of 55 inclusive of Mathematics

Australian Year 12:

Passed Australian Year 12 with average of 55 and credit in Mathematics in SPM or equivalent

South Australian Matriculation (SAM):

Passed 5 subjects with minimum TER score of 55 or an average of 55, no subjects less than 10/20 including Mathematics

NSW High School Certificate (HSC):

Passed with ATAR 55 (minimum 10 units) including Mathematics and no subjects score below 50

Monash University Foundation Year

(MUFY):
Passed Monash University Foundation Year (MUFY) with min 60% in 4 subjects including Mathematics

ENTRY REQUIREMENTS

Year 2 Entry

INTI Diploma – Diploma in Information Technology:
Successfully completed INTI's Diploma with CGPA 2.5 and credit in Mathematics at SPM level.

Candidate with CGPA below 2.5 but above 2.0 can be accepted, subject to internal assessment evaluation process.

Diploma in Computer Science, Information Technology, Software Engineering or equivalent:

Successfully completed a Diploma in Computer Science, Information Technology, Software engineering or equivalent with CGPA 2.5

Candidate with CGPA below 2.5 but above 2.0 can be accepted, subject to internal assessment evaluation process

Students with Diploma will be considered for direct entry with subject exemptions on a case-to-case basis

The University College requires all students enrolling in this programme to demonstrate a high level of proficiency in the English Language. The students must obtain any one of the following qualifications or its equivalent: Entry to Year 1 or Year 2:

English Requirements

SPM English Syllabus 1322:
Grade 1-6

English 1119:
Grade 1-6

GCE O-Level or GCSE:
Pass Minimum Grade C

IELTS:
Band 6.0 & above

TOEFL:
550 & above

TOEFL (computer-marked):
220 or above

UEC:
B

DIPLOMA IN INFORMATION TECHNOLOGY / DIPLOMA IN INFORMATION AND COMMUNICATION TECHNOLOGY

SPM / O-Level / Equivalent:
3 credits including Mathematics

UEC:
3Bs including Mathematics

English Requirements

IELTS:
Band 4.0

CAMBRIDGE:
CAE (160) / CEFR B2
CPE (180) / CEFR C1

MUET:
Band 2

TOEFL:
PBT (397)
IBT (30-31)

PTE: 30

FOUNDATION IN BUSINESS INFORMATION TECHNOLOGY

Business Pathway

SPM / O-LEVEL / EQUIVALENT:
5 credits including English

UEC / EQUIVALENT:
3Bs including minimum grade B6
in English

IT Pathway

SPM / O-LEVEL / EQUIVALENT:
5 credits including Mathematics

UEC / EQUIVALENT:
3Bs including Mathematics

FOUNDATION IN BUSINESS INFORMATION TECHNOLOGY

This programme is for students who want to pursue a Business or IT degree. In the first semester, students will study common subjects and later on, have the option of choosing their pathway in Business or IT.

Business pathway

Students will study courses relevant to their desired degrees in the areas of management and accounting. These courses provide a fundamental understanding of concepts and principles of how an organisation works, organisational structure and behaviour, market structure, and consumer behaviour.

IT pathway

Students will take up Data Communication Networking, Programming Techniques and Introduction to Database Management System. These courses are designed to enable an understanding of the technical and humanistic aspects of computing.

The IT pathway is not available in Sabah.

Learning approach

Students will be introduced to active learning methodologies like Problem-based Learning. Group discussions and projects will help them develop in areas like study skills, presentation skills, research skills and time management. It will also enhance their critical and analytical skills, preparing them for tertiary studies and the workplace.

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 assessment tasks such as projects, assignments, laboratory work, presentations, tests, and others as 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
KPT/JPT(R/010/3/0199)04/2019 - A4602

INTAKES: JAN, MAY & AUG

INTI International College Subang

KPT/JPT(R/010/3/0268)12/2019 - A10123

INTI International College Kuala Lumpur

KPT/JPT(R/010/3/0136)06/2023 - MQA/FA2751

INTI International College Penang

KPT/JPT(A11600)10/2020 - A11600

Foundation in Business

INTI College Sabah

KPT/JPT(R/010/3/0259)06/2019 - A10005

INTAKES: JAN, APR & AUG

* Only available in Nilai campus.

** Only available in Nilai and Subang campuses.

DIPLOMA IN INFORMATION TECHNOLOGY



This programme prepares students with a thorough understanding of the principles, theories, and current practices in the Computer Science & Information Technology field. Students will get a strong foundation, allowing them to experience the process of software development and explore the rapid development of information & networking technologies.

Graduates will be able to start careers or further their studies, leading to degree courses in Computer Science, Information Technology or related disciplines.

This programme is known as Diploma in Information and Communication Technology in INTI International University.

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

***Only offered in INTI International University.*

****Not offered in INTI International University.*



Highlights

- 75% of the curriculum emphasises on practical and hands-on training
- Strong focus on technical aspects of programming and networking
- Students will be prepared to pursue their degree studies in Computer Science, IT or related disciplines
- Upon completion: At the successful completion and assessment of an IBM-ICE module, students will be eligible for an IBM badge. In addition, at the end of the programme completion student will be given an IBM-ICE transcript indicating the success of completing 5 IBM-ICE modules within the INTI Diploma in Information Technology / INTI Diploma in Information and Communication Technology programme

Career opportunities

Programmer, Junior Software Engineer, Technical Support Officer, Network Technician, Service Technician, Information System Administrator, Network Administrator, Database Administrator

Offered at

INTI International University
KPT/JPT(R/481/4/0401)05/2019 - A10108

INTAKES: JAN, MAY & AUG

INTI International College Subang
KPT/JPT(R/481/4/0405)07/2019 - A10416

INTI International College Penang
KPT/JPT(R/481/4/0122) 01/2022 - MQA/FA1215

INTAKES: JAN, APR & AUG

Duration

Minimum 2 Years

Programme structure

Level 1

- Database Management
- Discrete Mathematics
- English Communication Skills**
- Fundamentals of Mathematics
- Fundamentals of Networking
- Introduction to HCI
- Introduction to Internet Technologies
- Program Logic Formulation
- Quantitative Methods
- Structured Programming
- System Analysis & Design
- Writing Skills***

Level 2

- Capstone Project
- Object-Oriented Programming (Java)

Choose either one of the following specialisations:

Information Technology

- Computer Ethics
- Digital Image Editing***
- Fundamentals of Management
- Fundamentals of Operating System**

Computer Science

- Computer Organisation
- Fundamentals of Trustworthy Computing***
- Fundamentals of Operating System**
- Introduction to Data Structure

Internship (Compulsory)

IBM-ICE MODULES

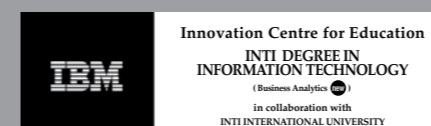
- Introduction to Business Analytics
- Introduction to Cloud Computing
- Introduction to IT Infrastructure Landscape
- Introduction to Mobile Apps Development
- Introduction to Web Programming with PHP

MPU subjects

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

BACHELOR OF INFORMATION TECHNOLOGY (HONS)

in collaboration with



This programme aims to produce graduates with competent Information Technology (IT) skills in the area of Business Analytics. IT plays an increasingly important role in the success of organisations of all sizes. As companies expand, they rely more on sophisticated tools and specially trained personnel to make technology a competitive advantage. Gartner Inc. predicts that 30% of the enterprise business drivers will align with analytics completely, considering the increasing consumerisation of BI (e.g., mobile BI), the growing volume and variety of available data, and the soaring speed of business.

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



Highlights

- Incorporation of professional syllabuses such as SAP and CISCO
- Students will be exposed to real company projects with collaboration from our industry partners
- A 16-week internship with prestigious industry partners such as Intel Technology, CSC Malaysia, Standard Chartered – Scope International, Profitera, Silverlake Sprints and many more
- Flexibility to choose from a pool of elective modules
- Strong applied knowledge, with more than 50% hands-on experience
- Further, upon completion of all IBM courses, students will be eligible for an IBM Badge in Data Science, along with an IBM-ICE transcript indicating the successful completion of all the 8 IBM-ICE modules within the INTI Bachelor of Information Technology (Hons) Business Analytics programme

Field of study available

Information Technology

Information Technology refers to all aspects of computing. It often refers to meeting the technological needs of business, government, healthcare, schools, and other kinds of organisations through the selection, creation, application, integration and administration of computing technologies.

Student will receive 2 awards upon completion: A Bachelor of Information Technology (Hons) from INTI International University and a BSc. (Hons) from the Coventry University, UK

Business Analytics

Business Analytics is the process of converting data into insights. With the increase in the availability of data, Analytics has now become a major differentiator in both the top line and the bottom line of any organization. The specialization in Business Analytics teaches the use of data and models to support decision making in business. Students learn how to model such relationships as the impact of advertising on sales, how historical data predict stock returns, and how changes in task characteristics can influence time to completion. This programme helps prepare students for careers in “economy of tomorrow” industries. They play a vital role in their organizations’ technological direction. In an IT end-user industry, Business Analytics and Optimization (BAO) responsibilities can reside in various corporate functions and departments, such as operations, product development, information systems and finance.

For IT consulting/services and IT products organizations, the BAO consultants lead large-scale data warehousing and business intelligence projects, advising large clients the world over in reshaping their businesses.

Career Prospects

Business Analytics Strategy Consultants, Business Intelligence and Performance Management Consultants, Advanced Analytics and Optimization Consultants, Enterprise Information and Management Consultants, Enterprise Content Management Consultants and more

Student will receive 2 awards upon completion: A Bachelor of Information Technology (Hons) from INTI International University and a BSc. (Hons) from the Coventry University, UK

Offered at

INTI International University
KPT/PT(R/481/6/0211)07/2022 - MQA/FA1984

INTAKES: JAN, MAY & AUG

Duration

3 Years

Programme structure

Level 1

- Computer Architecture
- Computer Ethics
- Fundamentals of Operating System
- Graphic Design and Animations
- Introduction to Business Analytics (IBM Module)
- Introduction to Enterprise Resource Planning
- IT Infrastructure Landscape (IBM Module)
- Mathematics for Computing
- Object-oriented Programming
- Programming Techniques
- Systems Analysis and Design

Level 2

- Computer Communication & Networks
- Database System Concepts
- Human Computer Interface
- Information Assurance and Security
- Quantitative Methods
- System Development Tools and Techniques
- Business Analytics Specialization electives - Choose 2 modules
- Data Mining and Predictive Analytics (IBM Module)
- Data Warehouse and Multidimensional Modelling (IBM Module)

General (without specification) electives - Choose 2 modules:

- IT Service Management
- Multimedia Scripting
- Software Testing
- Web Application Development

Level 3

- Computational Modeling and Simulation
- Enterprise Architecture
- IT Project Management
- Project I
- Project II
- Web Programming with PHP (IBM Module)

Business Analytics Specialization electives - Choose 3 modules:

- Big data Analytics (IBM Module)
- Business Intelligence (IBM Module)
- Social, Web and Mobile Analytics (IBM Module)

General (without specification) electives - Choose 3 modules:

- 3D Animation & Production Techniques
- Emerging Technologies
- IOS development
- Ludology
- Mobile Apps Development Using Android
- Search Engine Technologies
- Visual Communication & Typography

Internship (Compulsory)

MPU subjects

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

BACHELOR OF COMPUTER SCIENCE (HONS)

in collaboration with



The aim of this course is to introduce the concepts and technologies of computing, in particular software engineering, network security and network, mobile computing, business analytics and cloud computing. The course will introduce skills and concepts related to the design, development, and deployment of computing applications. Concepts related to general computing such as database, system analysis and design, human computer interaction and programming will also be included.

Besides concepts and theories related to computer science, this course also aims to provide students with practical skills that meet the demands of the computing industry, especially in software development, data analysis, cloud architect, mobile application and network security. Students will also learn soft skills and a foreign language, which are required in today's business environment.

Highlights

- Students can choose their specialisation track from Year 2 onwards
- This programme covers part of the industry recognised CCNA syllabus. Students can move on to the advanced CCNA module upon programme completion at INTI
- Strong focus on applied knowledge with more than 50% of the curriculum based on practical application
- Internship opportunities with organisations like INTEL Technology, Sony, CSC Malaysia, Khind Holdings Berhad, Silverlake Sprints and more
- Incorporates real life Employer Projects in the classroom
- Further, upon completion of all IBM courses, students will be eligible for an IBM Badge in Data Science or IBM Badge in Cloud Computing, along with an IBM-ICE transcript indicating the successful completion of all the 8 IBM-ICE modules within the INTI Bachelor of Computer Science (Hons) Business Analytics or INTI Bachelor of Computer Science (Hons) Cloud Computing programme

Fields of study available

Computer Science

Computer Science spans a wide range, from theoretical and algorithmic foundations to cutting-edge developments. Computer Science offers a comprehensive foundation that permits graduates to adapt to new technologies and ideas.

As such smart devices have dominated the landscape of computing since the last few years. With more and more smart devices that behave like a mini computer in the markets nowadays, in keeping up with the demand for their applications, many software houses are looking towards building APPs. It will fulfill the current market demand for these specialised APP programmers.

Student will receive 2 awards upon completion: A Bachelor of Computer Science (Hons) from INTI International University and a BSc. (Hons) from the Coventry University, UK

Network & Mobile Computing

This field of study will help students understand how basic computer networks and mobile applications work, as well as the technology behind wired and wireless networks. Skills developed include computer network design, correcting network problems, network security preventions, network management techniques and mobile programming for smart phones.

Student will receive 2 awards upon completion: A Bachelor of Computer Science (Hons) from INTI International University and a BSc. (Hons) from the Coventry University, UK

Network Security

Companies are spending a lot of resources to protect their data and networks. This specialisation will enable students to protect network systems from theft, hacker attacks and breaches in network security.

Student will receive 2 awards upon completion: A Bachelor of Computer Science (Hons) from INTI International University and a BSc. (Hons) from the Coventry University, UK

Software Engineering

Students will learn to design, implement and document quality software systems in appropriate languages for available computers. This includes the ability to design software that makes effective use of the hardware. They will also gain a clear understanding of organisational structures, along with the information needs and consequent systems requirements of an organisation.

Career Opportunities
Programmer, IT Consultant, Network Administrator, Software Engineer, Systems Analyst, Technical Support Engineer, Network Engineer, Technical Consultant, Project Manager, Web Developer

Student will receive 2 awards upon completion: A Bachelor of Computer Science (Hons) from INTI International University and a BSc. (Hons) from the Coventry University, UK

Business Analytics

Business Analytics is the process of converting data into insights. With the increase in the availability of data, Analytics has now become a major differentiator in both the top line and the bottom line of any organization. The specialization in Business Analytics teaches the use of data and models to support decision making in business. Students learn how to model such relationships as the impact of advertising on sales, how historical data predict stock returns, and how changes in task characteristics can influence time to completion. This programme helps prepare students for careers in "economy of tomorrow" industries. They play a vital role in their organizations' technological direction. In an IT end-user industry, Business Analytics and Optimization (BAO) responsibilities can reside in various corporate functions and departments, such as operations, product development, information systems and finance.

For IT consulting/services and IT products organizations, the BAO consultants lead large-scale data warehousing and business intelligence projects, advising large clients the world over in reshaping their businesses.

Career Prospects
Business Analytics Strategy Consultants, Business Intelligence and Performance Management Consultants, Advanced Analytics and Optimization Consultants, Enterprise Information and Management Consultants, Enterprise Content Management Consultants and more

Students and staff from the Faculty of Information Technology of INTI International University went on a study tour to Singapore. They had the opportunity to visit giant tech companies in Singapore such as IBM, SAP Asia Pte Ltd, and Google.



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

Cloud Computing

Cloud Computing has become one of the most important topics of conversation among the IT community. Cloud computing is used by many businesses, whose employees and customers could access their data with a variety of Internet-connected devices. This way, these businesses don't have to build and run their own data centers, which can be way more expensive. The Cloud Computing and virtualization specialization prepares students to understand the emerging technologies of Cloud Computing and Virtualization, their principles, modeling, analysis, design, deployment, and industry-oriented applications. Major solution architectures and enabling technologies are covered.

The Cloud Computing Program prepares students to understand the:

- Emerging technologies of Cloud Computing and Virtualization
- Principles, modeling, analysis, design, deployment, and industry-oriented applications
- Major solution architectures and enabling technologies
- Developing of applications and services

Career Prospects

Cloud Solution Architects, Cloud System Administration, Cloud Security Specialists, Cloud Application Development/Maintenance/Testing, Migration & Modernization Specialists, Cloud Project Management and more

Student will receive 2 awards upon completion: A Bachelor of Computer Science (Hons) from INTI International University and a BSc. (Hons) from the Coventry University, UK

Offered at

INTI International University
KPT/JPT(R/481/6/0261)02/2023 - MQA/FA2990

INTAKES: JAN, MAY & AUG

Duration

3 Years

Programme structure

Level 1

- Computer Architecture
- Computer Ethics
- Fundamentals of Operating System
- Graphic Design and Animations
- Introduction to Business Analytics (IBM Module)
- Introduction to Enterprise Resource Planning
- IT Infrastructure Landscape (IBM Module)
- Mathematics for Computing
- Systems Analysis and Design
- Object Oriented Programming
- Programming Techniques

Level 2

- Computer Communication & Networks
- Data Structure & Algorithms
- Database System Concepts
- Human Computer Interface
- Quantitative Methods
- System Development Tools and Techniques

Network and Mobile Computing Specialization electives - Choose 2 modules:

- IT Services Management
- Routing Protocols and Concepts
- Web Application Development

Software Engineering Specialization electives - Choose 2 modules:

- Computer graphics
- Software Testing
- Web Application Development

Network Security Specialization electives - Choose 2 modules:

- Information Assurance and Security
- IT Service Management
- Routing Protocols and Concepts

Cloud Computing Specialization electives - Choose 2 modules:

- Cloud Computing Architecture & Deployment Model (IBM Module)
- Introduction to Cloud Computing & Virtualization (IBM Module)

Business Analytics Specialization electives - Choose 2 modules:

- Data Mining and Predictive Analytics (IBM Module)
- Data Warehouse and Multidimensional Modelling (IBM Module)

General (without specialization) electives - Choose 2 modules:

- Computer Graphics
- Information Assurance and Security
- IT Service Management
- Routing Protocols and Concepts
- Software Testing
- Web Application Development

Level 3

- Computational Modeling and Simulation
- Intelligent Systems
- IT Project Management
- Project I
- Project II
- Web Programming with PHP (IBM Module)

Network and Mobile Computing Specialization electives - Choose 3 modules:

- Concurrent & Real-time System
- Emerging Technologies
- Mobile Apps Development Using Android
- Network Management
- Wireless Network Planning and Design

Software Engineering Specialization electives - Choose 3 modules:

- Concurrent & Real-time System
- Emerging Technologies
- Formal methods
- Mobile Apps Development Using Android
- Software Quality

Network Security Specialization electives - Choose 3 modules:

- Network Management
- Network Security
- Wireless Network Planning and Design

Cloud Computing Specialization electives - Choose 3 modules:

- Backup and Disaster Recovery (IBM Module)
- Cloud Security (IBM Module)
- Mobile Apps Development Using Android (IBM Module)

Business Analytic Specialization electives - Choose 3 modules:

- Big data Analytics (IBM Module)
- Business Intelligence (IBM Module)
- Social, Web and Mobile Analytics (IBM Module)

General (without specification) electives - Choose 3 modules:

- Network Management
- Concurrent & Real-time System
- Mobile Apps Development Using Android
- Wireless Network Planning and Design
- Emerging Technologies
- Formal methods
- Software Quality
- Network Security
- Search Engines Technologies
- IOS Development

Internship (Compulsory)

MPU subjects

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

3+0 BACHELOR OF SCIENCE (HONS) IN COMPUTING

in collaboration with



The course has been designed to provide you with the key knowledge and skills required to find employment in a wide range of technology related areas – from systems analysis and programming to internet and mobile application development and user experience design. Our focus on professional skills and portfolio development, alongside project management and team working skills, give you the optimum mix of professional qualities to make you highly attractive to future employers.

Our degree programme will equip you with competent IT skills that enable you to become highly qualified professionals who think creatively and independently to meet the challenges of changing technologies.

WHAT WILL I LEARN

A computing graduate will expect to learn the key topics of interest within the computing industry, including programming, designing for usability, web and mobile technologies, systems analysis and application development methodologies. Each of these topics will have a practical focus, designed to teach you how to apply the latest technologies to a wide range of modern day issues.

The first year of study will cover the fundamentals of computing and computer principles including mathematics, programming, computer architecture, usability and information systems. These fundamentals can then be applied to larger scoped problems within the computing discipline in year two.

In your final year, you will have the opportunity to specialise your degree by choosing from a selection of optional modules. This will enable you to shape your learning to the career you envisage having and allow you to study topics you are interested in.

Career opportunities

Programmer, Web Developer, User Experience Specialist, IT Business Analyst, Data Warehouse Manager, Information System Administrator, System Analyst, IT Officer, E-Business Analyst and IT Consultant

Highlights

- You will be exposed to employer projects with collaboration from our industry partners
- Gain international and industry exposure through visiting guest lectures and industry experts
- Opportunities to exchange ideas, interact and build network through study tours or field trips
- A focus on professional development, combining academic teaching and industry practice, and supported by mentorship and coaching by IT industry experts
- A comprehensive learning experience with a mix of face-to-face and online support learning through Blackboard, with access to course materials, assignments and faculty members
- The Add+vantage module helps in developing and enhancing students' employability, and delivering a serious competitive advantage in the jobs market.

Duration

3 Years

Offered at

INTI International College Penang
KPT/JPT(N/481/6/0676)08/2020 - MQA/FA6483

INTAKES: JAN, APR & AUG

Programme Structure

Year 1

- Add+vantage module
- Computer Architecture and Networks
- Designing for Usability 1
- Enterprise Information Systems
- Introduction to Computing
- Logic and Sets
- Introduction to Algorithms

Year 2

- Add+vantage module
- Data and Information Retrieval
- Designing for Usability 2
- Developing the Modern Web 1
- Programming, Algorithms and Data Structures
- Real World Project
- Technology and its Social, Legal and Ethical Context

Year 3

- Add+vantage module
- Individual Project
- Web API Development
- Agile Development

Internship

Optional modules** (choose two (2)):

- Intelligent Agents
- Interactive Pervasive Computing
- Open Source Development
- Android Application Development
- IOS Application Development

MPU subjects

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

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

**Offering of optional modules, please consult the Head of Programme.

3+0 BACHELOR OF SCIENCE (HONS) IN COMPUTER SCIENCE

in collaboration with



Computer science exposes the heart and soul of almost all the technology we rely on in the modern world. It introduces many of the most powerful problem-solving strategies known to mankind. If you've ever wondered how computers work or been fascinated by the seemingly incredible things they can achieve, then computer science could be the degree course for you. It is for the student who doesn't just want to use computer systems in their career, but gain an understanding of the principles by which they're built. If you are keen to write your own software, to make it run quickly and effectively, or even to use computers to solve scientific and research problems, then this course will teach you all of the techniques you need.

Our degree programme will equip you with competent IT skills that enable you to become highly qualified professionals who think creatively and independently to meet the challenges of changing technologies.

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

**Offering of optional modules, please consult the Head of Programme.

WHAT WILL I LEARN

In your first year you will gain a foundational knowledge in all areas of the subject, including programming, computer architecture, software system design and usability testing. You will work to develop professional skills through activity led learning. The programme gives a sociable and fun introduction to most aspects of the subject and helps all our students get to know the staff and each other. By the end of the second year, you should have learned to write and test programs, work in a development team on a real world project, understand and build computer and network systems and have a working knowledge of vital aspects of computer industry ethics and law.

In the final year, these skills are combined with an individual project. This normally involves building an original computer system, which will solve one of a range of challenging problems suggested by an expert in the relevant field. We introduce you to the study of the limits of computation, techniques for analysing and solving more complex problems and large scale software systems development. Additionally you have the option to study advanced topics in artificial intelligence, computer architecture, concurrent and real time systems, development of enterprise systems and web services.

Career opportunities

Software engineer, Computer Programmer, Software Applications Developer, Network Systems Administrator, Software Quality Assurance, Software Development Manager, Systems Developer

Highlights

- You will be exposed to employer projects with collaboration from our industry partners
- Gain international and industry exposure through visiting guest lectures and industry experts
- Opportunities to exchange ideas, interact and build network through study tours or field trips
- A focus on professional development, combining academic teaching and industry practice, and supported by mentorship and coaching by IT industry experts
- A comprehensive learning experience with a mix of face-to-face and online support learning through Blackboard, with access to course materials, assignments and faculty members
- Well-equipped specialist computing labs with high-performance hardware and industry-standard software
- The Add+vantage module helps in developing and enhancing students' employability, and delivering a serious competitive advantage in the jobs market.

Duration

3 Years

Offered at

INTI International College Penang
KPT/JPT(N/481/6/0692)10/2020 - MQA/FA7010

INTAKES: JAN, APR & AUG

Programme Structure

Year 1

- Add+vantage module
- Computer Architecture and Networks
- Design for Usability 1
- Enterprise Information Systems
- Introduction to Computing
- Logic and Sets
- Introduction to Algorithms

Year 2

- Add+vantage module
- Data and Information Retrieval
- Operating Systems, Security and Networks
- Programming, Algorithms and Data Structures
- Real World Project
- Software Engineering
- Technology and its Social, Legal and Ethical Context

Year 3

- Add+vantage module
- Theoretical Aspects of Computer Science
- Individual Project
- Software Quality and Process Management

Internship

Optional modules** (choose two (2)):

- Concurrent and Real-time Systems Design
- Intelligent Agents
- Open Source Development
- Android Application Development
- IOS Application Development
- Web API Development
- Agile Development

MPU subjects

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

INFORMATICS DEGREE

in collaboration with

University of Wollongong, Australia



UNIVERSITY
OF WOLLONGONG
AUSTRALIA

University of Wollongong, Australia (UOW) recognises the fast pace of development in the Information & Communications Technology (ICT) industry. UOW was one of the first universities to combine fields of study related to this industry into one faculty – Informatics. Experts encompassing the entire breadth of the underlying science, IT, engineering and mathematical methodologies in the ICT industry have created a dynamic teaching, learning and research environment.

This approach of bringing together staff from all disciplines relevant to ICT is now being emulated by universities world-wide. Our graduates are amongst the most sought-after in the industry because of their deep knowledge of the discipline, adaptability, communication skill, application, and ethical professionalism.

BACHELOR OF COMPUTER SCIENCE

Computer scientists focus on computation and its applications, designing methods, tools and writing programmes for computer applications. These applications can be in areas such as computer systems to control machinery, information management and big data, applications for mobile devices, stock market trend analysis, game design, visualisation of chemical reactions, neural network design, computational geometry for robot navigation, patient monitoring in hospitals, and much more.

The Bachelor of Computer Science is recognised for professional accreditation with the Australian Computer Society.

Offered at INTI International College Subang

- 3+0 Bachelor of Computer Science (Game and Mobile Development)
KPT/JPT(R/481/6/0721)07/2021 - MQA/FA0501
- 3+0 Bachelor of Computer Science (Software Engineering)
KPT/JPT(R/523/6/0248)01/2021 - MQA/FA0174
- 3+0 Bachelor of Computer Science (Digital Systems Security)
KPT/JPT(R/481/6/0634)01/2021 - MQA/FA0175

INTAKES: FEB & JUL

Duration

3 Years

BACHELOR OF INFORMATION TECHNOLOGY

UOW has experts encompassing the entire breadth of the underlying sciences, IT, engineering and mathematical methodologies in the ICT industry. Working closely with industry partners we ensure that all programmes remain relevant to industry trends and developments. Students study real-world projects and interact with, and learn from industry professionals to ensure their job-readiness upon graduation.

The Bachelor of Information Technology is recognised for professional accreditation with the Australian Computer Society.

Offered at INTI International College Subang

- 3+0 Bachelor of Information Technology (E-Business)
KPT/JPT(R/482/6/0073)01/2021 - MQA/FA0181
- 3+0 Bachelor of Information Technology (Network Design & Management)
KPT/JPT(R/482/6/0074)01/2021 - MQA/FA0180

INTAKES: FEB & JUL

Duration

3 Years

Please refer to UOW Undergraduate Course Guide for more information about UOW programmes.

AMERICAN DEGREE TRANSFER PROGRAM (AUP)

Having pioneered the introduction of American education more than 25 years ago, INTI has the most established American Degree Transfer Program (AUP) in Malaysia.

Students can choose from more than 300 United States 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.

Offered at

INTI International University
KPT/JPT(R/210/6/0012)07/2019 - A4605
INTI International College Subang
KPT/JPT(R/210/6/0014)09/2019 - A5760
INTI International College Penang
KPT/JPT(R/210/6/0018)01/2021- A7300

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 United States to complete their studies.

Popular majors (A partiallist) 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



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



helpline 01646102130-1

One Stop Solution



World wide Admission,
Visa Support &
Immigration

AXIOM
education group
— Resources that you will cherish —

GLORIOUS
15
Years of
EDUCATION SERVICES

INTI NETWORK

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

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

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

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

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

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)

IPOH 05-241 1933 | No. 258, Jalan Sultan Iskandar, 30000 Ipoh

JOHOR BAHRU 07-364 7537 | No. 25, 25-01, Jalan Austin Heights 8/1, Taman Austin Heights, 81100 Johor Bahru

KUANTAN 09-560 4657 | B16, Jalan Seri Kuantan 81, Kuantan Star City II, 25300 Kuantan

www.studyabroadonline.com



One Stop Solution



+88 01646102130-4

ADMISSION &
INFORMATION,
DHAKA



World Wide Admission,
Visa Support &
Immigration



AXIOM
education group
— Resources that you will cherish —

GLORIOUS
15
Years of
EDUCATION SERVICES

Anam Rangs Plaza - 4th Floor, Road : 6/A, Dhanmondi, Dhaka info@studyabroadonline.com