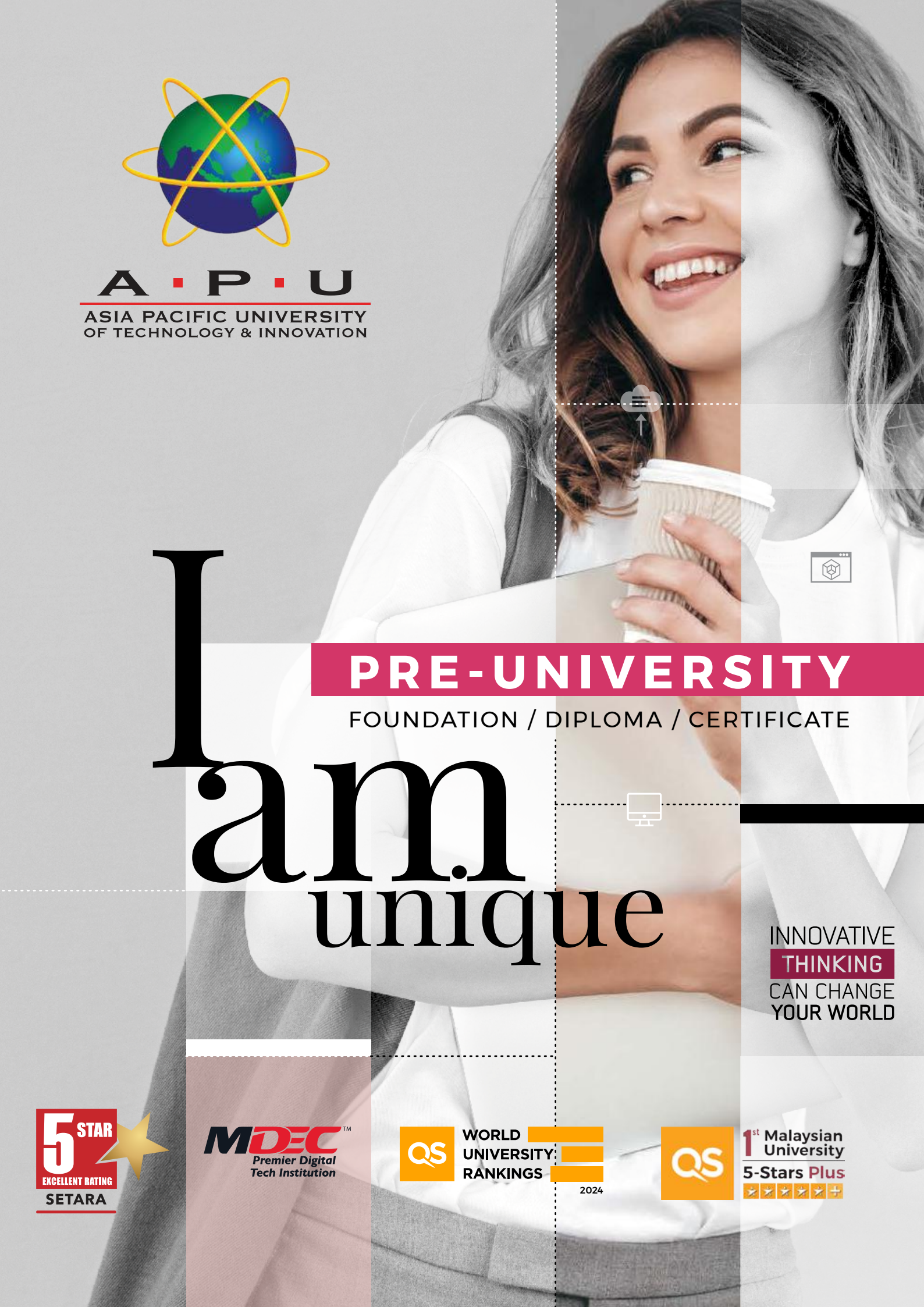


A · P · U

ASIA PACIFIC UNIVERSITY
OF TECHNOLOGY & INNOVATION

PRE-UNIVERSITY

FOUNDATION / DIPLOMA / CERTIFICATE

I am unique

INNOVATIVE
THINKING
CAN CHANGE
YOUR WORLD

5 STAR
EXCELLENT RATING
SETARA

MDEC™
Premier Digital
Tech Institution

QS WORLD UNIVERSITY RANKINGS 2024

QS 1st Malaysian University
5-Stars Plus

1st Malaysian University

1 of 20 in the world

ONLY Malaysian University to achieve both QS 5-Stars Plus+ Rating & being Ranked in QS World Rankings 2024

Facts regarding APU's achievements in the latest QS World University rankings:

- **Ranked TOP 2.2%** in the World
- **Ranked #621-630** in the World
- **Ranked No. 179** in Asia
- **Ranked No.1** for International Students in Malaysia
- **Ranked No.16** in the World for International Students
- **Ranked Top 200** for International Faculty in the World
- **Ranked among Top 13** Universities in Malaysia
- **Ranked among Top 6** Private Universities in Malaysia

(QS World University Ranking 2024)

APU EMERGES AS THE FIRST QS 5-STARS PLUS UNIVERSITY IN MALAYSIA

APU is the First Malaysian University to achieve an overall rating of Five Stars Plus in the latest QS Stars Rating awards that were presented at the QS Apple Conference on 1st Nov 2021. Five Stars Plus institution must achieve five stars across all categories in addition to achieving minimum highest benchmark score by QS STARS. APU is amongst 20 universities worldwide to achieve this honour.

RANKED NO.1 FOR INTERNATIONAL STUDENTS IN MALAYSIA AND NO.16 IN THE WORLD

APU is the ONLY Malaysian University to achieve the double distinction of achieving the QS 5-Stars Plus Rating as well as being Ranked in the QS World University Ranking 2024, where APU is ranked in the Top 2.2% in the World. APU is Ranked No.1 for International Students in Malaysia and No. 16 for International Students in the World.

APU IS AWARDED BEST TECH UNIVERSITY FOR 2023 - PC.COM AWARDS

PC.com Awards is the hallmark recognition presented to organisations that show exceptional delivery in the field of technology and innovation. For 2023, Asia Pacific University of Technology and Innovation was recognised by PC.com readers and bestowed the Best Tech University. The award was presented in recognition of APU's commitment in offering top-notch digital technology courses amongst selected leading institutions.

APU'S LIST OF FIRSTS:

1st Local Institute awarded Multimedia Super Corridor Status
1st Institute awarded the MSC Research & Development Grant
1st Institute awarded MS ISO 9002 Quality Certification
1st Institute appointed Novell Education Academic Partner
1st Institute appointed Authorised Sun Education Centre
1st Institute appointed Microsoft Training Partner
1st Institute listed in Enterprise 50 Award Programme
1st Institute appointed University Alliance Partner by SAP
1st XR Studio - Mixed & Extended Reality Infrastructure in Asia
1st Integrated Cybersecurity Talent Zone in Malaysia

QS defines rating as “The system evaluates universities across a wide range of important performance indicators as set against pre- established international standards. By covering a broader range of criteria than any world ranking exercise, QS Stars™ shines a light on both the excellence and the diversity of the rated institution”.

"The QS Stars university rating system audits and rates over 600 universities globally in a broader range of criteria than any world ranking exercise. Comprehensive audits are also independently carried out as part of the rating exercise. QS Stars™ shines a light on both the excellence and the diversity of the rated institution. Congratulations to Asia Pacific University (APU) for being the first-ever QS 5-Stars Plus rated institution in Malaysia and being 1 amongst 20 in the world."

Leigh Kamolins - Head of Evaluation, QS Intelligence Unit

OUTSTANDING

Rated for Excellence

Asia Pacific University of Technology & Innovation

The QS Intelligence Unit has, through rigorous and independent data collection and analysis of performance metrics as set out in the QS Stars™ methodology, rated Asia Pacific University of Technology & Innovation as a Five Stars Plus institution.

Teaching	Internationalisation	Facilities	Social Responsibility
Employability	Academic Development	Accounting & Finance	Inclusiveness
Online Learning			

QS STARS

The QS Stars™ rating system is operated by the QS Intelligence Unit, the independent compiler of the QS World University Rankings® since 2004. The system evaluates universities across a wide range of important performance indicators as set against pre-established international standards. By covering a broader range of criteria than any world ranking exercise, QS Stars shines a light on both the excellence and the diversity of the rated institution.

Leigh Kamolins, Head of Evaluation

18 Oct 2021

Aspiring

towards professionalism and employability

APU Foundation Programmes

- **FOUNDATION PROGRAMME**
  - Business, Finance & Psychology
  - Computing & Technology
  - Engineering
  - Design
- **FOUNDATION IN COMPUTING (ODL) - 100% ONLINE**

Open & Distance Learning (ODL)

Diploma Programmes

- **COMPUTING & TECHNOLOGY**
  - Diploma in Information & Communication Technology
  - Diploma in Information & Communication Technology with a specialism in Software Engineering
  - Diploma in Information & Communication Technology with a specialism in Data Informatics
  - Diploma in Information & Communication Technology with a specialism in Interactive Technology
- **BUSINESS & BUSINESS IT**
  - Diploma in Business Information Technology
  - Diploma in Business Administration
- **ACCOUNTING & FINANCE**
  - Diploma in Accounting
- **ENGINEERING**
  - Diploma in Mechatronic Engineering
- **DESIGN, MEDIA AND INTERNATIONAL STUDIES**
  - Diploma in Design & Media
  - Diploma in International Studies

APIIT Certificate Programmes

- Certificate in Administrative Skills (CAS)
- Certificate in Information & Communication Technology (CICT)

APIIT RATED 6-STARS (OUTSTANDING) RATING

6 STAR RATING OUTSTANDING MyQuest

APIIT was announced as one of the Top Private Colleges in Malaysia to attain 6-STAR (OUTSTANDING Rating) under the latest Ratings by the Ministry of Higher Education (MOHE) on 18th Dec 2020. MYQUEST is a quality evaluation system assessed by MOHE to evaluate the quality of programmes offered by Malaysian private colleges.

APU AWARDED 5-STAR (EXCELLENT) RATING

5 STAR EXCELLENT RATING SETARA

APU was announced as among the Highest Rated Emerging Universities in Malaysia, being rated 5-STAR (EXCELLENT Rating) under the latest SETARA Ratings by the Ministry of Higher Education (MOHE). APU has maintained this Excellent Rating consecutively in the SETARA 2011, 2013, 2017 as well as in the latest ratings announced on 18th Dec 2020. The SETARA ratings system measures the performance of teaching and learning in universities in Malaysia.

APU IS A PREMIER DIGITAL TECH INSTITUTION - MALAYSIA DIGITAL ECONOMY CORPORATION

MDEC Premier Digital Tech Institution

APU was among the first institute in Malaysia awarded Premier Digital Tech Institution status by the Malaysia Digital Economy Corporation (MDEC) and Ministry of Higher Education (MOHE). APU is recognised for its commitment to offer top-notch digital technology courses and ensuring our highly-skilled graduates continue to flourish and fill future digital job demands locally and globally.

APU IS AWARDED BEST TECH UNIVERSITY FOR 2023 - PC.COM AWARDS

2023 PC.com BEST TECH UNIVERSITY

PC.com Awards is the hallmark recognition presented to organisations that show exceptional delivery in the field of technology and innovation. For 2023, Asia Pacific University of Technology and Innovation was recognised by PC.com readers and bestowed the Best Tech University. The award was presented in recognition of APU's commitment in offering top-notch digital technology courses amongst selected leading institutions.

Experience

APU's iconic campus

Asia Pacific University of Technology & Innovation (APU) is amongst Malaysia's Premier Private Universities, and is where a unique fusion of technology, innovation and creativity works effectively towards preparing professional graduates for significant roles in business and society globally.

An Ultra-modern Campus Built Today for the Needs of Tomorrow

Asia Pacific University of Technology & Innovation (APU)'s Ultra-Modern University Campus in Technology Park Malaysia (TPM) is designed to be the state-of-the-art teaching, learning and research facility providing a conducive environment for students and staff. TPM is the ideal location for this new and contemporary campus due to its strong positioning as Malaysia's primary hub for leading-edge and high-tech developments in a wide variety of areas. It is also located in one of the most rapidly developing areas in Kuala Lumpur, and is well served and accessible through major highways, LRT and other forms of public transportation.

APU has earned an enviable reputation as an award-winning University through its achievements in winning a host of prestigious awards at national and international levels.

Malaysia's Award Winning University

- A Stylish Blend of Functionality & Accessibility
- A Unique Fusion of Technology, Innovation and Creativity
- Cutting-edge Technologies
- A Wide Variety of Spaces to Learn, Engage & Transform

APU's iconic campus is setting a new benchmark for design excellence among Malaysian Universities, combining an eco-friendly campus with a dynamic blend of technology and innovation to enable professional learning. It is a magnificent teaching & learning space for our Students & Staff designed by our award- winning architects & consultants.

Ranked No.1 for **International Students in Malaysia** — QS World University Ranking 2024

MALAYSIA'S AWARD WINNING UNIVERSITY

Engineering Degrees Accredited under **WASHINGTON ACCORD** (accepted Worldwide)

100% Employability — Achieved over a number of years

MORE THAN **80,000** GRADUATES & ALUMNI

FIRST IN MALAYSIA TO ACHIEVE **5-STARS PLUS** IN QS RATINGS

100%
Employability*

APU's graduate employability record has consistently been between 95% to 100%*; this is a significant symbol of our success and pride in nurturing professionals for global careers.

Outstanding Support

Regardless of the programme you choose, you will be supported by highly qualifed and enthusiastic professionals. Many enjoy an international reputation for their research and actively engage with leading names in the industry.

Industry Ready Graduates

The APU Career Centre connects and engages with over 12,000 Employers to ensure that our graduates are highly employable in both local and international corporations, as it closely supports APU students in both internship and career placement activities.

Work-ready, World-ready

Study with us and we'll equip you to become a world-ready professional, with the knowledge, attributes, skills and expertise that employers look for.

Employers are demanding that graduates not just have qualifications, but also have the experience and ability to contribute to the workplace. To meet these demands, APU develops programmes and partnerships with academic and industry partners, with a heavy focus on applied learning. This helps to ensure that the skills and knowledge taught at APU are up-to-date and in high demand.

RANKED

#1 for International Students in Malaysia

#16 in the World

QS World University Rankings 2024

A Hub of Cultural Diversity

With more than 13,000 students from over 130 countries, we ensure that you will gain memorable experiences alongside the diversifed and colourful cultural environment. We have students from Asia, Central Asia, Middle East, Africa, Europe, Latin America and Oceania. Our International Students Support Centre helps you with the procedure to apply for your Student Pass before coming here. Upon arrival in Kuala Lumpur, you will be greeted with warmth by our friendly staff, who will pick you up and bring you to our campus.

Student Welcome Team

The Student Welcome Team was established by Asia Pacific University of Technology & Innovation (APU) to improve the arrival experience of international students in Malaysia. "Warm Welcome, Warm Hello, Warm What's up" is the theme of this ASK ME Team.

QS WORLD UNIVERSITY RANKINGS 2024

A Truly International Community

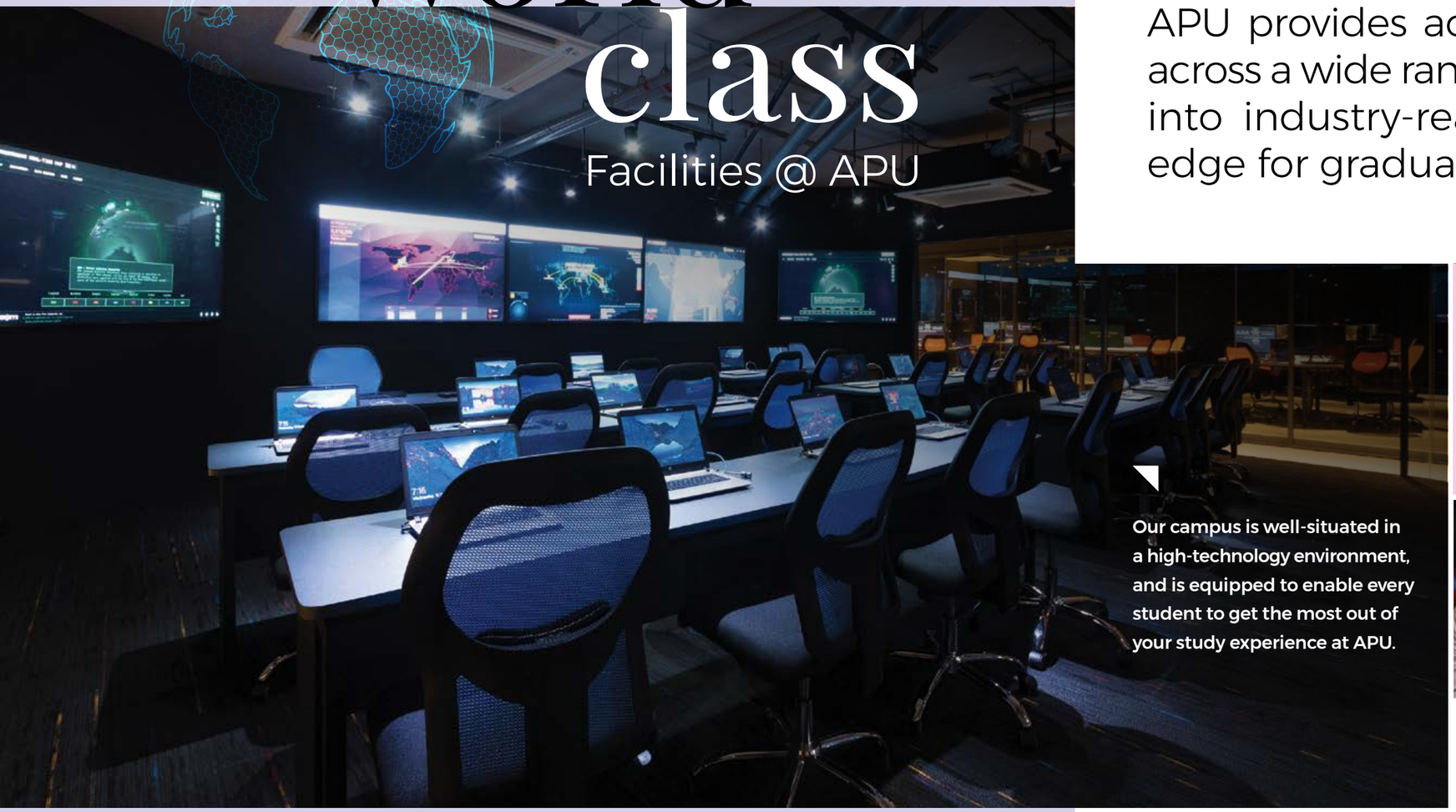
Just like the beautiful country in which we are located, APU is a rich blend of traditional and modern styles. We have developed a singular character to embrace those things that set us apart. We pride ourselves on the quality of both our teaching and research as well as having a unique living and learning environment.

Student Life @ APU

Being a university student can be one of your most exciting expeditions. Higher education opens up a world of new ideas, intellectual growth, new adventures and the building of lifelong friendships. Here at APU, we support you to take the time to explore not only the educational experiences but also the wide range of social, sporting and cultural activities on campus.

World-class

Facilities @ APU



Our campus is well-situated in a high-technology environment, and is equipped to enable every student to get the most out of your study experience at APU.

APU provides access to world-class resources across a wide range of disciplines. This translates into industry-ready skills and a competitive edge for graduates.

An Integrated Community

The campus aims to establish a community aspect for the university – where integration is the key. Walkways, classrooms, communal spaces and discussion areas promote connectivity and cultivates exchange of ideas among students from different disciplines and academics, to implement cooperative learning concepts in line with the Industrial Revolution 4.0.

Cutting-Edge Technologies

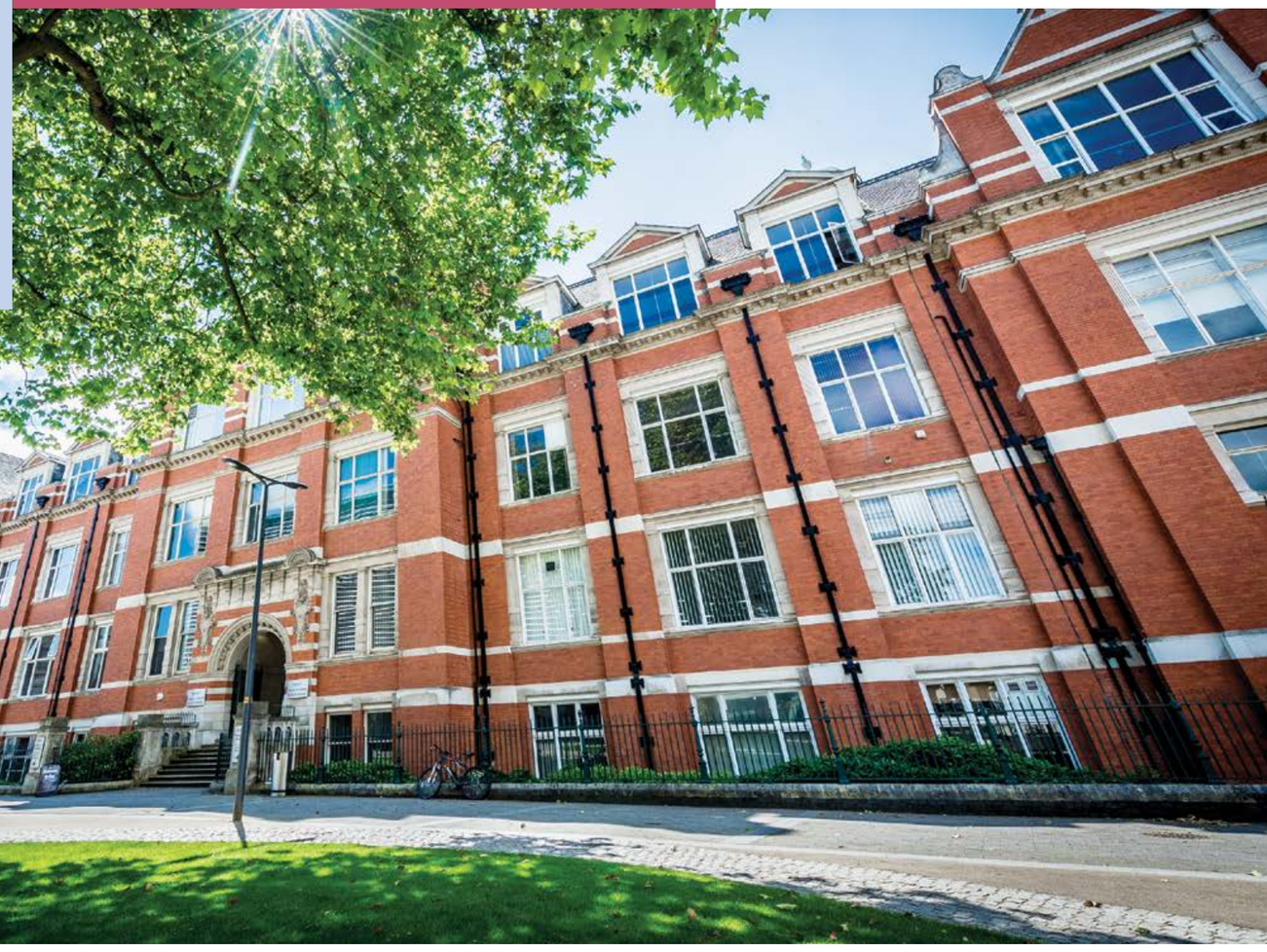
The Campus blends technology, integration, innovation and creativity under one roof. It provides not just a learning environment, but also a lively community spot for our students to formulate new ideas, gain intellectual growth and discover new adventures. It is not only a university campus, but also the nurturing ground for world-changing global ideas. All spaces are carefully designed to create an unforgettable learning and lifestyle experience that lasts for a lifetime, while enabling professional learning and cultivating global mindsets. APU, as Malaysia's leading technological university, is the incubator for self-starting and innovative APU graduates. Our educational technology environment supports the development of graduates of this calibre, in which well-equipped computing and engineering laboratories with advanced software, hardware and technologies place students at the forefront of technological excellence.

Social Interaction Platforms

Fitness Sweatzone, student lounges, sports facilities and breakout rooms provide spaces for relaxation and socialisation throughout the day. They are carefully designed to create an unforgettable learning and lifestyle experience that lasts for a lifetime, especially for students who are studying away from home.

Our Partner in Quality

De Montfort University (DMU), UK



De Montfort University Leicester (DMU) is a dynamic, 21st-century UK university with a global outlook based in the city of Leicester which is a great place to be a student..

Find your new home at DMU

At DMU, our supportive and nurturing community will empower you to realise your dreams. Our courses are carefully designed and taught by expert academics to help you gain the skills needed to enter today's competitive jobs market and succeed in your career.

The university is organised into four faculties; Arts, Design and Humanities, Business and Law, Health and Life Sciences and Computing, Engineering and Media.

Our award-winning careers and employability service, DMU Works provides guaranteed work experience opportunities, including placements, internships and career mentoring.

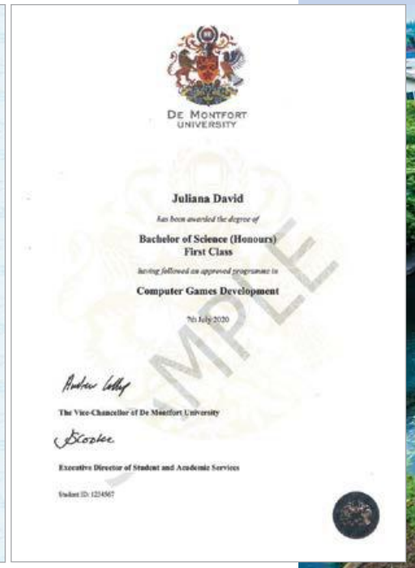
MAKE THE MOST OF YOU DMUWORKS

Why choose DMU?

- DMU has over 150 years of history in providing higher education to students from around the globe.
- Leicester offer everything students could need and it has been named the fourth most vibrant city in the UK (Top Cities Vibrancy Report, 2022), as well as the best city in the East Midlands region to live and work (Good Growth for Cities Index, 2022).
- DMU has been awarded a second term as a United Nations Academic Impact (UNAI) global hub for Sustainable Development Goals (SDGs), aimed at transforming lives around the world.
- Each year, international students from more than 130 countries choose to study at DMU.

Double your Advantage

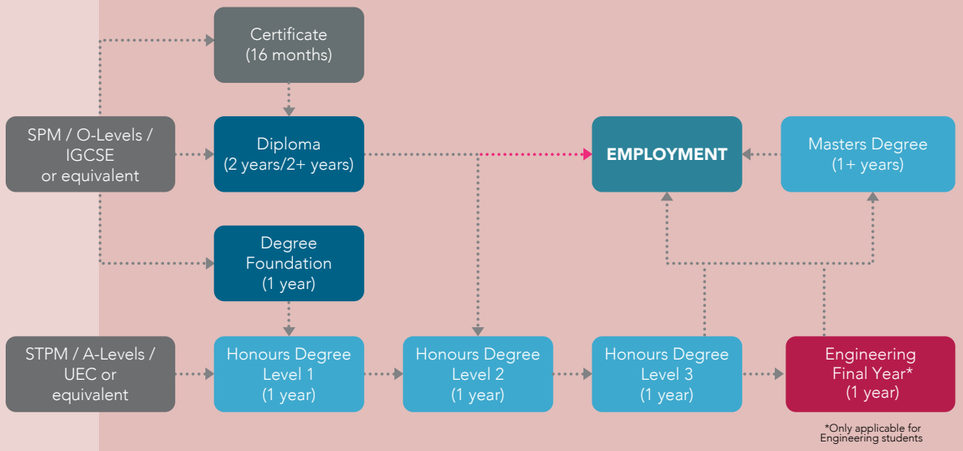
APU-DMU **Dual Degree Programme**



- APU's partnership with DMU enables students to be awarded Dual Awards - separate degree certificates from each institution – and enhances not just teaching and learning experiences, but also career prospects.
- Upon graduation, students will receive 2 Degree Certificates & Transcripts: 1 from APU, Malaysia and 1 from DMU, UK.
- Both degrees are recognised locally & internationally.
- The APU-DMU Dual Degree Programmes are offered under an approved collaboration in accordance with the QAA UK Quality Code for Higher Education for the Assurance of Academic Quality and Standards in Higher Education as published by the United Kingdom Quality Assurance Agency (QAA).

Pathways & Admission Requirements

Your Study Progression



ADMISSION REQUIREMENTS

FOUNDATION PROGRAMME

The Foundation programme gives you an opportunity to sample your future areas of study. This helps you choose which Degree programme to pursue.

- 5 Credits in at least 5 subjects at SPM level with a minimum of a pass in Bahasa Malaysia and Sejarah (History);
- 5 Credits (Grade C & above) in at least 5 subjects at IGCSE/O-Levels;
- 3 Credits (Grade B & above) in at least 3 subjects in UEC.
- A qualification that APU accepts as equivalent to the above.

* *Some Degree Programmes may require a Credit in Mathematics at SPM/IGCSE/O-Level or equivalent.*

* *Engineering Degree Programmes require a Credit in Mathematics and Physics or Chemistry at SPM/IGCSE/O-Level or equivalent.*

* *Foundation in Computing (ODL) - 100% Online requires a Credit Pass in Mathematics*

DIPLOMA PROGRAMMES

Diploma in Information & Communication Technology
Diploma in Information & Communication Technology with a specialism in Software Engineering
Diploma in Information & Communication Technology with a specialism in Data Informatics
Diploma in Information & Communication Technology with a specialism in Interactive Technology
Diploma in Accounting*

- 3 Credits in at least 3 subjects at SPM level including Mathematics, with a minimum of a pass in Bahasa Malaysia and Sejarah (History);
- 3 Credits (Grade C & above) in at least 3 subjects at IGCSE/O-Levels including Mathematics;
- 3 Credits (Grade B & above) in at least 3 subjects in UEC including Mathematics;
- Pass relevant Certificate Programme or its equivalent;
- A qualification that APU accepts as equivalent to the above.

** Pass in English is required at SPM/IGCSE/O-Level or equivalent.*

Diploma in Business Information Technology
Diploma in Business Administration
Diploma in International Studies**
Diploma in Design & Media#

- 3 Credits in at least 3 subjects at SPM level, with a minimum of a pass in Bahasa Malaysia and Sejarah (History);
- 3 Credits (Grade C & above) in at least 3 subjects at IGCSE/O-Levels;
- 3 Credits (Grade B & above) in at least 3 subjects in UEC;
- Pass relevant Certificate Programme or its equivalent;
- A qualification that APU accepts as equivalent to the above.

*** Credit in English is required at SPM/IGCSE/O-Level or equivalent.*
 # Pass an interview (online/ virtual/ conventional) OR submission of student's portfolio, to be determined by the HEP as required.

Diploma in Mechatronic Engineering

- 3 Credits in at least 3 subjects at SPM level including Mathematics and any Science Subject (Science, Physics, or Chemistry) with a minimum of a pass in Bahasa Malaysia, Sejarah (History) and English;
- 3 Credits (Grade C & above) in at least 3 subjects at IGCSE/ O-Levels including Mathematics and any Science Subjects (Science, Physics, or Chemistry) with a minimum Pass in English at SPM/ O-Level/ IGCSE;
- 3 Credit (Grade B & above) in at least 3 subjects in UEC including Mathematics and any Science subject (Science, Physics, or Chemistry) with a Pass in English;
- Pass Sijil Tinggi Persekolahan Malaysia (STPM) or its equivalent with a pass in Mathematics, English and ONE (1) relevant science/ technical/ vocational subject at the SPM level;
- Recognised Certificate in Engineering/Engineering Technology or its equivalent;
- Recognised related Vocational and Technical/ Skills Certificate or its equivalent with ONE (1) year of relevant work experience or a minimum of ONE (1) semester of a bridging programme;
- A qualification that APU accepts as equivalent to the above.

Malaysian Students who do not possess a Pass in English at SPM/IGCSE/O-Level/UEC; will be required to sit for the APU English Placement Test, and based on the outcome of the test may be required to attend the APU Intensive English Programme (IEP) prior to commencement of the Foundation/Diploma/Certificate programme.

ENGLISH REQUIREMENTS (only applicable to International Students)

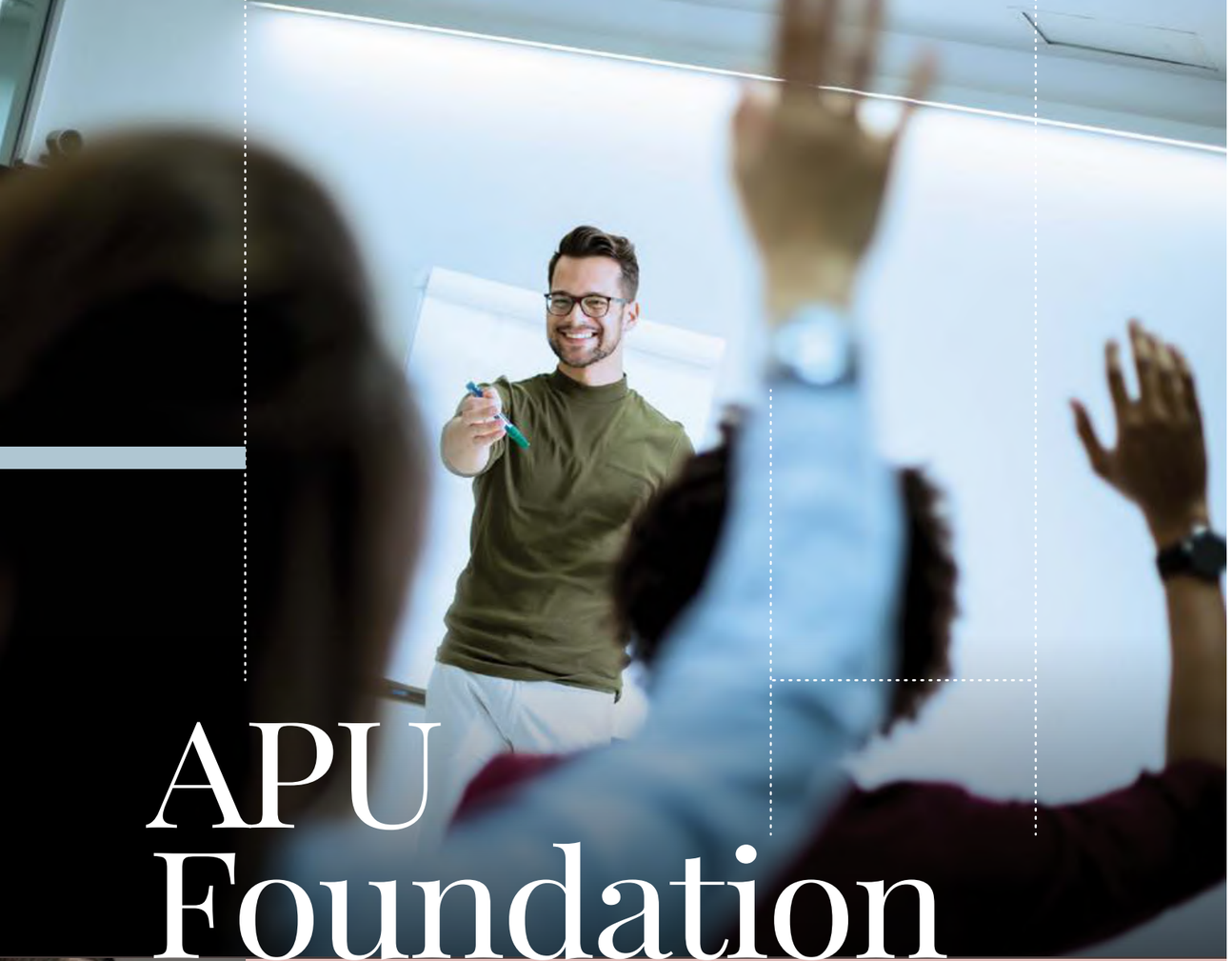
PROGRAMMES	REQUIREMENTS	
Foundation Programme **Diploma in Information and Communication Technology**	• IELTS: 4.0 • TOEFL IBT: 30-31	• Pearson (PTE): 36 • MUET: Band 3
Diploma in Design & Media	• IELTS: 4.5 • TOEFL IBT: 33	• Pearson (PTE): 43 • MUET: Band 3
Diploma in Business Administration **Diploma in Business Information Technology** **Diploma in Mechatronic Engineering** **Diploma in International Studies**	• IELTS: 5.0 • TOEFL IBT: 40	• Pearson (PTE): 47 • MUET: Band 3.5
Diploma in Accounting	• IELTS: 5.5 • TOEFL IBT: 46	• Pearson (PTE): 51 • MUET: Band 4

Please note that under Ministry of Higher Education regulations, only students who have achieved the minimum requirement in the English Language proficiency assessment as indicated above will be allowed to continue their studies in the main study programme. Students who do not have the required English Language achievement may apply for a student visa on conditional basis and are allowed to enrol in an English Language Certification programme at APU upon arrival in Malaysia and, subsequently, appear for the IELTS/TOEFL /PTE/MUET assessment.

Students who are unable to obtain the required level of English Competency during the maximum 12 months' period, will not be allowed to pursue their studies in the main programme and will have to return to their home country.

Students from English speaking countries and those with qualifications taught in English (IGCSE, A-Levels, IB, American High School Diploma etc) are exempted from English requirements. Applications for exemption must be accompanied by supporting documents.

Note: The above entry requirements may differ for specific programmes based on the latest programme standards published by Malaysian Qualifications Agency (MQA).



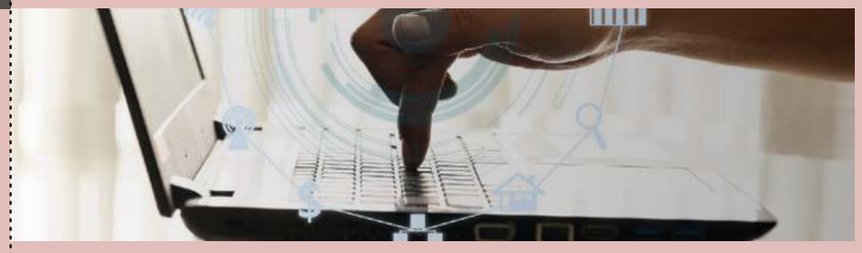
APU Foundation Programme

Our Foundation Programme is designed to help students with SPM, IGCSE, O-Levels or similar qualifications to develop the skills and knowledge to progress into the degree of their choice.

ROUTES:

- **BUSINESS, FINANCE & PSYCHOLOGY**
- **COMPUTING & TECHNOLOGY**
- **ENGINEERING**
- **DESIGN**

(R2/010/6/0271) (11/24) (MQA/A10955)



FLEXIBILITY OF CHOICE

Our 12-month Foundation Programme is designed to prepare students from SPM, IGCSE, O-Levels or similar qualifications with the knowledge and skills to progress into the first year of a degree of their choice.

On completion of the Foundation Programme, you will be able to make an informed decision about your interest and pursue your degree of choice.

During the Foundation Programme, you are able to choose different routes depending on your area of interest. This will allow you to progress onto a specific degree programme at APU, related to this area or other relevant areas based on your foundation experience.

LEARNING OUTCOMES

You will be able to:

- Enter Level 1 of degree study.
- Make an informed choice about what degree you want to study.
- Demonstrate an awareness of the concepts which underpin the study of Accounting, Banking, Finance, Actuarial Studies, Business & Management, Computing & Technology, Engineering, Industrial Design, Digital Marketing, Animation and Visual Effects, Media and Communications, International Studies or Psychology.
- Communicate effectively verbally and in writing to a given audience.
- Work effectively in a team.
- Demonstrate English and other study skills appropriate to undergraduate learning.
- Apply skills in numeracy, technology and communications.
- Explain the essential elements of technology.
- Use appropriate application software and the Internet.

SPM / O-Levels / IGCSE (5 credits)

↓

PROFESSIONAL CAREERS
Start Here

↓

APU FOUNDATION PROGRAMME

Semester 1
[Common Semester 1]

Semester 2 & 3
[Choose your **ROUTE** in semester 2 & 3]

↓

DEGREE PROGRAMME AREAS

- **Accounting, Banking & Finance**
- **Actuarial Studies**
- **Business & Management**
- **Computing & Technology**
- **Media and Communication**
- **Engineering**
- **Digital Marketing**
- **Animation & Visual Effects**
- **International Studies**
- **Industrial Design**
- **Computer Games Development**
- **Multimedia and VR/AR**
- **Psychology**
- **Tourism & Hospitality**

A·P·U
ASIA PACIFIC UNIVERSITY
OF TECHNOLOGY & INNOVATION

TAKES YOU FURTHER
KEEPS YOU GOING
EMPLOYABILITY
GETS YOU STARTED

Foundation Programme – Flexibility of Choice

Duration: 1 Year (3 Semesters)

MODULES YOU STUDY

The modules studied help develop your study skills, introduce you to what you can expect on your degree and also allow you to discover what you can study depending on whether you choose a degree in Accounting, Banking, Finance, Actuarial Studies, Psychology, Business & Management, Computing & Technology, Engineering, Industrial Design, Animation and Visual Effects.

ENRICHING EXPERIENCES - MORE THAN JUST A FOUNDATION

The APU Foundation Programme lays the pathway towards professional tertiary education. It is a vital transformation point for students; soft skills, general knowledge and preparatory subject fundamentals acquired at the Foundation lead to excellence in a student's education performance, as well as career-readiness as they move on as global professionals eventually. This is achieved through 4 key areas:

- Leadership & Teamwork
- Problem-Solving Skills
- Social Skills & Responsibilities
- Practical Skills

The unique support system at APU Foundation Programme consists of helpful academic mentors who are committed in ensuring academic achievements, providing pastoral care, advising, mentoring, motivating students' potential and performance, to ensure that they undergo a smooth transition from secondary education to tertiary learning.

SEMESTER 1	**COMMON SEMESTER 1** · English for Academic Purposes · Communication Skills · Personal Development & Study Methods · Essentials of Web Applications · Mathematics			
ROUTES	**BUSINESS, FINANCE & PSYCHOLOGY**	**COMPUTING & TECHNOLOGY**	**ENGINEERING**	**DESIGN**
SEMESTER 2	· Introduction to Business · Fundamentals of Finance · Global Business Trends · Public Speaking in English	· Introduction to Business · Introduction to Computer Architecture & Networking · Introduction to Visual & Interactive Programming · Public Speaking in English	· Mechanics for Engineers · Engineering Mathematics · Introduction to Visual & Interactive Programming · Public Speaking in English	· Fundamentals of Drawing · Life Drawing · Design Studies · Public Speaking in English · Major Project 1
SEMESTER 3	· Academic Research Skills · Economics for Business · Perspectives in Technology / Further Mathematics** · Co-Curricular *Choose **one** of the following modules:* · Principles of Accounts · Discovering Media in the Digital Age · Psychology & Behavioral Science	· Academic Research Skills · Further Mathematics · Introduction to Multimedia Applications · Co-Curricular *Choose **one** of the following modules:* · Perspectives in Technology · Discovering Media in the Digital Age · Psychology & Behavioral Science	· Academic Research Skills · Science for Engineers · Perspectives in Technology · Design Thinking – Fraunhofer – IEM · Co-Curricular	· Academic Research Skills · History of Design and Media · Introduction to Digital Photography · Major Project 2 · Co-Curricular Studies
You may then proceed to Level 1 of a Degree of your choice in the following pathways				
PRIMARY PATHWAYS	- **Business, Management & Tourism** - **Accounting, Finance, Banking & Actuarial Studies** - **Media, Communication & Psychology**	- **Computing & Technology** - **Multimedia & Games Development**	- **Engineering**	- **Industrial Design, Visual Effects, Animation & Digital Advertising**
ALTERNATIVE PATHWAYS Students may alternatively choose the following:	- Computing & Technology - Multimedia & Games Development - Industrial Design, Visual Effects, Animation & Digital Advertising - International Relations	- Business, Management & Tourism - Accounting, Finance, Banking & Actuarial Studies - Industrial Design, Visual Effects, Animation & Digital Advertising - International Relations - Media, Communication & Psychology	- Computing & Technology - Multimedia & Games Development - Accounting, Finance, Banking & Actuarial Studies - Business, Management & Tourism - Industrial Design, Visual Effects, Animation & Digital Advertising - International Relations - Media, Communication & Psychology	- Computing & Technology - Multimedia & Games Development - Accounting, Finance, Banking & Actuarial Studies - Business, Management & Tourism - International Relations - Media, Communication & Psychology

YOUR FOUNDATION PATHWAY TO A DEGREE OF YOUR CHOICE

(Please refer to individual course brochure for details and admission requirements.)

CREDIT / GRADE C in SPM / O-Level / IGCSE is required in:

Mathematics

Leading from APU Foundation to your Choice of Degree Studies; please note that a Credit Pass in Mathematics at SPM / O-Level / IGCSE is required for the following programmes:

Computing & Technology

- BSc (Hons) in Information Technology
- BSc (Hons) in Information Technology with a specialism in
  - Information System Security
  - Cloud Engineering
  - Mobile Technology
  - Internet of Things (IoT)
  - Digital Transformation
  - Financial Technology (FinTech)
  - Business Information Systems
- BSc (Hons) in Computer Science*
- BSc (Hons) in Computer Science with a specialism in
  - Data Analytics*
  - Digital Forensics*
- BSc (Hons) in Computer Science (Cyber Security)*
- BSc (Hons) in Software Engineering*
- Bachelor of Computer Science (Hons) (Intelligent Systems)*

Accounting, Banking, Finance & Actuarial

- Bachelor of Accounting and Finance (Honours)
- Bachelor of Accounting and Finance (Honours) with a specialism in
  - Forensic Accounting
  - Forex and Investments
  - Accounting Technology
- Bachelor in Banking and Finance (Hons)
- Bachelor in Banking and Finance (Hons) with a specialism in
  - Investment Analytics
  - Financial Technology
- Bachelor of Science (Honours) in Actuarial Studies
- Bachelor of Science (Honours) in Actuarial Studies with a specialism in
  - Data Analytics
  - Financial Technology

Multimedia & Games Development

- BSc (Hons) in Multimedia Technology
- BSc (Hons) in Multimedia Technology with a specialism in VR/AR
- BSc (Hons) in Computer Games Development

} A Pass in Mathematics at SPM / O-Level / IGCSE is required for these programmes.
(Strong Mathematics would be an added advantage)

CREDIT / GRADE C in SPM / O-Level / IGCSE is required in:

Mathematics

Physics OR Chemistry OR Technical Science

Leading from APU Foundation to your Choice of Degree Studies; please note that a Credit Pass in Mathematics and Physics OR Chemistry at SPM / O-Level / IGCSE is required for the following programmes:

Engineering

- Bachelor of Engineering in Electrical & Electronic Engineering with Honours
- Bachelor of Engineering in Mechatronic Engineering with Honours
- Bachelor of Mechanical Engineering with Honours
- Bachelor of Computer Engineering with Honours
- Bachelor of Petroleum Engineering with Honours

CREDIT / GRADE C in SPM / O-Level / IGCSE is required in:

Mathematics

Science OR Physics OR Chemistry OR Biology

Leading from APU Foundation to your Choice of Degree Studies; please note that a Credit Pass in Mathematics and Science OR Physics OR Chemistry OR Biology and a Pass in English at SPM / O-Level / IGCSE is required for the following programme:

Psychology

- Bachelor of Science (Honours) in Psychology

Leading from APU Foundation to your Choice of Degree Studies:

Business, Management, Marketing, Digital Marketing & Tourism

- BA (Hons) in Business Management
- BA (Hons) in Business Management with a specialism in
  - E-Business
  - Digital Leadership
- BA (Hons) Human Resource Management
- BA (Hons) in International Business Management
- BA (Hons) in Marketing Management
- BA (Hons) in Marketing Management with a specialism in
  - Digital Marketing
- BA (Hons) in Tourism Management
- BA (Hons) in Tourism Management with a specialism in
  - Hospitality

Media and International Relations

- Bachelor of Arts (Honours) in Media and Communication Studies
- BA (Hons) in International Relations

Industrial Design, Animation & Visual Effects

- Bachelor of Arts (Honours) in Industrial Design
- Bachelor of Arts (Honours) in Visual Effects
- Bachelor of Arts (Honours) in Animation
- Bachelor of Arts (Honours) in Digital Advertising

} **PORTFOLIO REQUIRED**

* Students who choose to progress to Computer Science, Software Engineering, Data Analytics, Cyber Security, Digital Forensics and Intelligent Systems programmes will be required to undertake Foundation Pathways from the **Computing & Technology** route or **Engineering** route if the student does not have a credit in Additional Mathematics at SPM / O-Level / IGCSE or equivalent.

Students who have completed Foundation from other routes apart from the above are required to do a Pre-Requisite module in Further Mathematics or equivalent in the first semester of the Degree Programme, provided they also still have Credit in Maths and Science or ICT subject at SPM / O-Level / IGCSE or equivalent.

** Further Mathematics module is Compulsory for students who choose to progress to Bachelor of Science (Honours) in Actuarial Studies.

Open & Distance Learning (ODL)

APU FOUNDATION PROGRAMME (ODL-100% ONLINE)

Foundation in Computing (ODL)

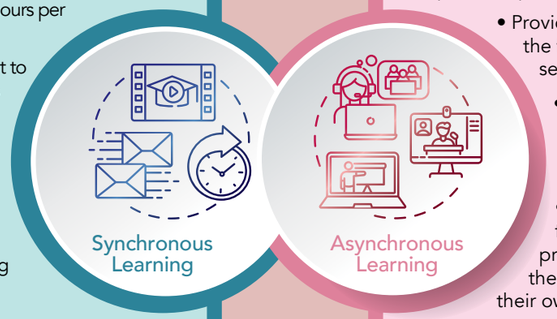
- The Foundation in Computing (ODL) allows young students the opportunity to gain a solid Pre-University qualification from the comforts of their home or country.
- Open Distance Learning (ODL) as practiced at APU provides a high-quality and flexible learning experience for students utilising state-of-the-art technological innovations & pioneering teaching and learning practices.
- This flexibility is also an ideal option for families who wish for their children to obtain an innovative and high quality education yet remain connected to their communities of origin.

METHOD OF DELIVERY - Synchronous & Asynchronous Learning

Synchronous Learning

- Operates very much like conventional classrooms, with scheduled study times and live discussions conducted for 3 hours per week.
- Allows the student to engage with class materials at the same time as their peers.
- Provides the student with a structured and immersive learning environment.
- Uses web & video-conferencing technologies for classrooms via Microsoft Teams.

Microsoft Teams



Asynchronous Learning

- Allows the student to study at his/her own pace and time, adapted to their personal preferences
- Provides the student with the flexibility to study in a self-paced manner.
- Is well designed to track the student's progress and provide immediate feedback.
- Gives the student the flexibility to revise, progress and challenge themselves according to their own strengths.
- Provides learning support to the student through discussion forums and personalised chat sessions.

moodle

(N-DL/0610/3/0001)(07/27)(MQA/PA1568)

Duration: 1 Year (3 Semesters)

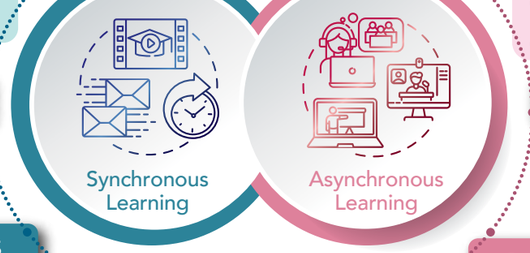
Synchronous and Asynchronous Modules for Foundation in Computing (ODL)

Microsoft Teams

Semester 1
- Essentials of Web Applications
- Mathematics

Semester 2
- Introduction to Visual & Interactive Programming

Semester 3
- Introduction to Multimedia Applications
- Further Mathematics



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Semester 1
- English for Academic Purposes
- Personal Development & Study Methods
- Communication Skills

Semester 2
- Introduction to Business
- Introduction to Computer Architecture & Networking
- Public Speaking in English

Semester 3
- Academic Research Skills
- Perspectives in Technology

In summary, these are the modules you will be taking during your Foundation in Computing (ODL) programme:

SEMESTER 1	SEMESTER 2	SEMESTER 3
Modules	**Modules**	**Modules**
• English for Academic Purposes • Communication Skills • Personal Development and Study Methods • Mathematics	• Introduction to Business • Introduction to Computer Architecture and Networking • Introduction to Visual and Interactive Programming • Public Speaking in English	• Academic Research Skills • Perspectives in Technology • Introduction to Multimedia Applications • Further Mathematics

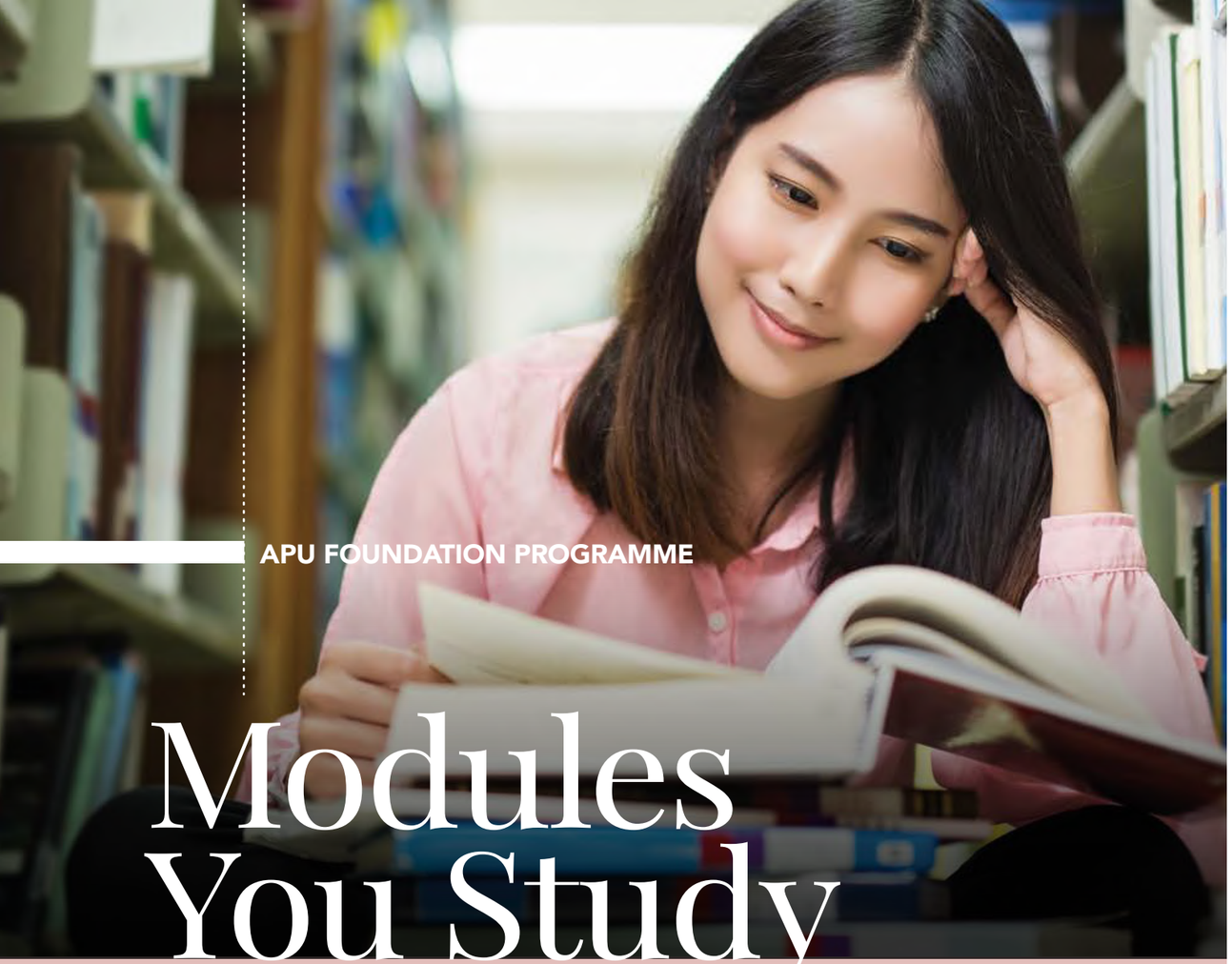
Further Studies

Upon successful completion of this programme, you will be eligible to progress into any of the following degree pathways offered at APU. Students will also have the option to opt-in for the APU-DMU Dual Degree Scheme.

- BSc (Hons) in Information Technology
- BSc (Hons) in Information Technology with a specialism in:
  - Information System Security
  - Cloud Engineering
  - Mobile Technology
  - Internet of Things (IoT)
  - Digital Transformation
  - Financial Technology (FinTech)
  - Business Information Systems
- BSc (Hons) in Software Engineering
- BSc (Hons) in Computer Science (Cyber Security)
- BSc (Hons) in Computer Science
- Bachelor of Computer Science (Hons) Intelligent Systems
- BSc (Hons) in Computer Science with a specialism in Data Analytics
- BSc (Hons) in Computer Science with a specialism in Digital Forensics

Alternative Pathways:
- Business, Management, Marketing & Tourism
- Accounting, Finance, Banking & Actuarial Studies
- Industrial Design, Visual Effects, Animation & Digital Advertising
- International Relations
- Media, Communication & Psychology*

**Leading from APU Foundation to Psychology programme; please note that a Credit Pass in Mathematics and Science OR Physics OR Chemistry OR Biology and a Pass in English at SPM / O-Level / IGCSE is required*



APU FOUNDATION PROGRAMME

Modules You Study

COMMON MODULES

- **Communication Skills**
  You will deal with fundamentals of communication in an organised setting. You will generally be introduced to presentation techniques, effective use of letters, memos and emails, report writing, ethics in social media, effective telephone communication skills and barriers to communication.

- **English for Academic Purposes**
  This module is designed to improve your grasp of the English language for academic purposes at degree level. You will develop listening, speaking, reading & writing skills in this module.

- **Public Speaking in English**
  This module is designed to develop you on Public Speaking skills which will help to build confidence and credibility in your interpersonal skills. You will generally be introduced to audience analysis, delivery, overcome communication apprehension and roles as a speaker and listener.

- **Personal Development and Study Methods**
  This module is aimed at giving you the essential skills and techniques such as time management, note making and thinking skills.

- **Academic Research Skills**
  In the realm of academic, this module will be the platform to dominantly guide you on how to do assignments in degree programmes and generally understand the fundamental aspects in completing the final year project. You will also be aware of ethical issues pertinent to conducting research at work place.

- **Mathematics**
  You will be introduced to the study of the core basic mathematical and statistical concepts used in a variety of environments, e.g. business and computing. This module includes ratio, proportion & percentages, using algebra, solving equations, graphs of linear / quadratic functions.

SPECIALISED MODULES FOR EACH ROUTE

COMPUTING

- **Introduction to Computer Architecture and Networking**
  The module introduces students to the role of technology in modern life and its impact to the world and the environment. It gives students sufficient understanding of the fields of technology that will enable them to make informed choices about their future areas of study/specialisation and career in technology.

- **Essentials of Web Applications**
  This module introduces the fundamental principles and implementation technology that are essential to developing web application. The exposure to various techniques and proficiency of using different online applications will aid in improving communication skills and marketing efficiency in a business environment.

- **Introduction to Visual & Interactive Programming**
  This module introduces the basic features of visual programming. Techniques and concepts of graphical user interface programming and illustration of GUI concepts in designing a software system are the core content of this module. The techniques introduced provide adequate support to the development of event-driven systems.

- **Introduction to Multimedia Applications**
  This module provides you with fundamental knowledge and skills to create and document an interactive multimedia application such as graphics, 2D animations and typography settings.

- **Perspectives in Technology**
  You are introduced to the role of technology in modern life and its impact on the world and the environment such as in the areas of biotechnology, internet technology, process and design technology as well as Business, Society and Ethics.

- **Further Mathematics**
  This module provides you with basic mathematical skills such as matrices, logarithms, calculus and trigonometry.

- **Discovering Media in the Digital Age**
  This module outlines communication methods, technologies, trends and approaches in the digital age. It includes the basic understanding of the various types and roles of traditional and new media industries. It will also cover the related institutions of journalism, advertising and public relations and their respective structure, support and influence in the digital media.

- **Psychology & Behavioral Science**
  This module will provide the understanding of fundamentals of behavioral sciences as applied to psychology. It will also explore the interaction of environmental and individual circumstances that shape human behaviors. Apart from developing core knowledge and skills in psychological and behavioural science, students will learn ways in which its theories and findings can be applied to the practical/real world.

ENGINEERING

- **Science for Engineers**
  Science for Engineers introduces students to the study of both electrical and electronics principle and physical chemistry. Fundamental knowledge in both electrical and electronics principles are essential as basis for application to complex electronic circuits and systems, to understand how technology works and to optimize transmission of energy, to list a few. Students will be taught Logic Gates, Semiconductors, Resistors, Diodes, Inductors and both Electrical and Magnetic field theory. Physical Chemistry focuses on physical properties of chemical in physical chemistry which gives some insight on how laws of physics affect chemical processes. Topics include Reaction Kinetics, Thermochemistry and Alkanes and Alkenes.

- **Design Thinking – Fraunhofer – IEM**
  Design Thinking - Fraunhofer - IEM allows students to understand how engineering design and innovation are planned, designed, built, and tested (cradle to grave concept). Students will be exposed to concepts pertaining to the end-to-end engineering design lifecycle, while considering ethics as an important factor in engineering applications. Students will be equipped with necessary engineering design skills and innovative thinking framework to future-proof themselves via various learning approaches like lecture, tutorials, and group discussion to design and constructively critique an engineering application.

- **Mechanics for Engineers**
  Mechanics for Engineers introduces students to the study of physics, a brief exposure on mechanics - statics and dynamics, fluid, and materials and on waves and heat. Fundamental knowledge from mechanics and other basic physics topics are essential as basis for other advanced mechanics modules such as mechanics of materials, machine design, fluid mechanics and engineering materials. Students will study on effect of forces on particles, either at rest or in motion, bonding, fluid flow and waves.

- **Engineering Mathematics**
  The module aims to provide you with a broad understanding of and practice in trigonometry, matrices, complex number and vectors. The understanding will not only help in developing the analytical concepts but also its use in engineering applications such as analysing electric circuits.

BUSINESS, FINANCE & PSYCHOLOGY

- **Fundamentals of Finance**
  This module will introduce students to major financial concepts, principles and analytical tools of business funds management and planning their use in making well-reasoned decisions.

- **Introduction to Business**
  You are introduced to the nature and environment of Business, the different forms of business ownership and the key organisational theories, as well as the concepts of marketing, human resource management, accounting and operations management.

- **Global Business Trends**
  This module introduces you to the micro and mega trends in contemporary development affecting business such as the usage of technology, economic-geographic environment, political-legal environment and social-cultural environment.

- **Principles of Accounts**
  You will be introduced to the basics of Accounts such as recording business transactions and ledger entries. Overall, the module equips you with the basic understanding of maintaining, preparing and recording business transactions.

- **Economics for Business**
  This module Introduces you to the basics of economics such as consumer supply and demand, firms and supply, macro economy policy and how it affects economic growth as well as understanding International trade, such as the effects of exchange rates in different market structures.

- **Further Mathematics**
  This module provides you with basic mathematical skills such as matrices, logarithms, calculus and trigonometry.

- **Discovering Media in the Digital Age**
  This module outlines communication methods, technologies, trends and approaches in the digital age. It includes the basic understanding of the various types and roles of traditional and new media industries. It will also cover the related institutions of journalism, advertising and public relations and their respective structure, support and influence in the digital media.

- **Psychology & Behavioral Science**
  This module will provide the understanding of fundamentals of behavioral sciences as applied to psychology. It will also explore the interaction of environmental and individual circumstances that shape human behaviors. Apart from developing core knowledge and skills in psychological and behavioural science, students will learn ways in which its theories and findings can be applied to the practical/real world.

DESIGN

- **Fundamentals of Drawing**
  Drawing is an essential skill in the field of art and design. You will learn variety of practical exercises made to help understand the thought processes involved in learning how to draw. The module will provide opportunities to practice the traditional approaches to pencil and paper drawing. The module will also introduce the foundational principles of drawing that are key for any designers. The module expects a development of a portfolio to showcase comprehension in design elements and principles such as shape, perspectives, shadow, shade & light as well as composition.

- **Life Drawing**
  You will be introduced to life drawing or figurative drawing involves drawing the human form in any of its various shapes and postures using a variety of media. The module will cover a series of techniques that will provide more confidence in drawing in various to future skill settings such as character designs for animation, concept art and/or games.

- **Design Studies**
  You will learn the different ways in which design has been characterized and practiced. It also covers the contexts and systems on how designs operate and the responsibilities that come with the power of designing. In this module, there will be a series of sessions to learn the elements and principles of design. With this knowledge, there will be expectations of application in order to produce a portfolio or body of work that can be applied across the art and design spectrum.

- **Introduction to Digital Photography**
  This module introduces you to the world of photography. It will cover the history and the technological shift from analogue to digital cameras. The module will also review various case studies to explore the various famous photographers and their works. It will cover practical hands-on sessions and requirements to follow a set of instructions to produce own images. As every photo/image will have its own stories to tell, a portfolio will be produced to and showcase final works to reflect interpretation of outdoor photography and studio photography.

Diploma Programmes

- **COMPUTING & TECHNOLOGY**
  - Diploma in Information & Communication Technology
  - Diploma in Information & Communication Technology with a specialism in Software Engineering
  - Diploma in Information & Communication Technology with a specialism in Data Informatics
  - Diploma in Information & Communication Technology with a specialism in Interactive Technology

- **BUSINESS & BUSINESS IT**
  - Diploma in Business Information Technology
  - Diploma in Business Administration

- **ACCOUNTING & FINANCE**
  - Diploma in Accounting

- **ENGINEERING**
  - Diploma in Mechatronic Engineering

- **DESIGN, MEDIA AND INTERNATIONAL STUDIES**
  - Diploma in Design & Media
  - Diploma in International Studies

DIPLOMA IN INFORMATION & COMMUNICATION TECHNOLOGY

(R2/481/4/0620)(07/25)(MQA/A11687)

This APU Diploma in Information and Communication Technology is specifically designed to provide:

- Coverage of the academic aspect as well as the vocational aspect of the wide area of Computing and Information and Communications Technology.
- Students with the skills to prepare them for careers in the ICT environment with emphasis on solutions design, software development and technology infrastructure support.
- Students with academic and professional skills to develop solutions requiring the application of technology in a business and organisational context, so as to facilitate response to continuous future changes in technology and industry practices.
- Students with critical, independent and cooperative learning skills so as to facilitate responses to continuous future changes in industry practises.

SEMESTER 1

At the beginning of the programme students will acquire basic mathematical, language and communication skills along with core information technology skills. Students will gain an understanding of basic concepts and terminology related to technology and business management.

Modules

- **Academic Research Skills**
- **Intro to Visual and Interactive Programming**
- **Digital Thinking and Innovation**
- **Information Systems**

SEMESTER 2

The second semester builds on and extends the foundation knowledge developed in the first semester. Language and communication skills are taken to more advanced levels of research and professionalism. The ability to analyse and solve problems using quantitative skills, and familiarity with technology are enhanced.

Modules

- **Operating Systems and Computer Architecture**
- **Database Management**
- **Discrete Mathematics**
- **Professional Communications**

SEMESTER 3

This semester moves students to a new level in information and communication technology related areas such as computer programming, databases, Internet applications and computer system architecture. With this knowledge, students are able to use computing tools and techniques to solve common real-world problems.

Modules

- **Programming with Python**
- **Introduction to AI**
- **Algebra and Calculus**
- **Fundamentals of UI/UX Design**

SEMESTER 4

Students are exposed to more advanced development concepts, including the application of usability principles in the web design and development process, and the system development cycle. Employability skills are introduced through the principles of IT Operations Management and concepts of Operating Systems, preparing students to provide technical support within an organisation.

Modules

- **Responsive Web Design & Development**
- **Introduction to VRAR and Metaverse**
- **Fundamentals of Entrepreneurship**
- **System Analysis and Design**
- **Object Oriented Programming**

SEMESTER 5

In their final semester, students acquire basic knowledge of computer networks, digital security and forensics to deepen their knowledge of computing technology and ethical responsibilities. Students also design and implement algorithms using their second programming language, and complete a Software Development Project to show that they can integrate skills, knowledge and understanding from the full programme, including multimedia techniques for business presentations and entertainment.

Modules

- **Cyber Security and Forensics**
- **Networking Technologies**
- **Capstone Project**

Electives:

- **Digital Operations Management**
- **Introduction to Internet of Things**
- **Introduction to Mobile Technologies**

SEMESTER 6

INTERNSHIP (8 weeks)

Students will undertake an Internship/Industrial Training for a minimum period of 8 weeks to prepare them for a smooth transition from the classroom to the working environment.

Further Studies

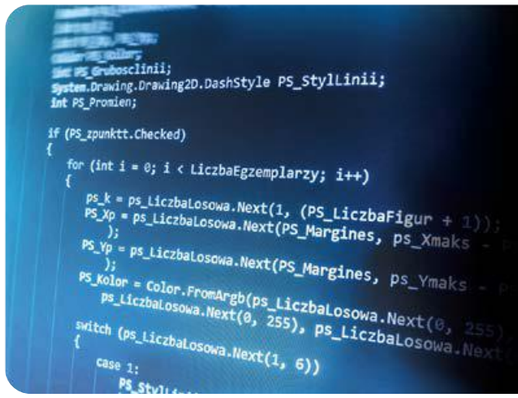
Upon successful completion of this programme with CGPA of 2.5 & above and fulfilment of requirements for credit transfer, you will be eligible to progress into Level 2 of the following degree programmes offered at APU.

- **BSc (Hons) in Information Technology**
- **BSc (Hons) in Information Technology with a specialism in:**
  - **Information System Security**
  - **Cloud Engineering**
  - **Mobile Technology**
  - **Internet of Things (IoT)**
  - **Digital Transformation**
  - **Financial Technology (FinTech)**
  - **Business Information Systems**
- **BSc (Hons) in Software Engineering**
- **BSc (Hons) in Computer Science**
- **BSc (Hons) in Computer Science with a specialism in Data Analytics**
- **BSc (Hons) in Computer Science with a specialism in Digital Forensics**
- **BSc (Hons) in Computer Science (Cyber Security)**
- **Bachelor of Computer Science (Hons) Intelligent Systems**

*** In addition to the above, all students are also required to successfully complete General Studies modules as stipulated by the Malaysian Qualification Agency, as well as fulfill credit requirements for Co-Curricular Activities.*

DIPLOMA IN INFORMATION & COMMUNICATION TECHNOLOGY WITH A SPECIALISM IN SOFTWARE ENGINEERING

(R2/481/4/0620)(07/25)(MQA/A11687)



This APU Diploma in Information & Communication Technology with a specialism in Software Engineering is designed to provide:

- Students with skills in software systems development, with emphasis on aspects of software engineering.
- Students with the skills to prepare them for careers in the ICT environment with emphasis on solutions design, software development and technology infrastructure support.
- An appreciation of the proven principles and techniques for the development and support of software systems in commercial organisations.
- Students with critical, independent and cooperative learning skills so as to facilitate responses to continuous future changes in industry practises.

SEMESTER 1

At the beginning of the programme students will acquire basic mathematical, language and communication skills along with core information technology skills. Students will gain an understanding of basic concepts and terminology related to technology and business management.

Modules

- **Academic Research Skills**
- **Intro to Visual and Interactive Programming**
- **Digital Thinking and Innovation**
- **Information Systems**

SEMESTER 2

The second semester builds on and extends the foundation knowledge developed in the first semester. Language and communication skills are taken to more advanced levels of research and professionalism. The ability to analyse and solve problems using quantitative skills, and familiarity with technology are enhanced.

Modules

- **Operating Systems and Computer Architecture**
- **Database Management**
- **Discrete Mathematics**
- **Professional Communications**

SEMESTER 3

This semester moves students to a new level in information and communication technology related areas such as computer programming, databases, Internet applications and computer system architecture. With this knowledge, students are able to use computing tools and techniques to solve common real-world problems.

Modules

- **Programming with Python**
- **Introduction to AI**
- **Algebra and Calculus**

Specialised Module

- **Fundamentals of UI/UX Design**

SEMESTER 4

Students are exposed to more advanced development concepts, including the application of usability principles in the web design and development process, and the system development cycle. Specialisation starts here, with a deeper understanding of the systematic models and standard process- oriented methodologies that are the essence of software engineering as a career field. Software engineering also requires a deep appreciation of algorithmic thinking, based on calculus and algebra.

Modules

- **Responsive Web Design & Development**
- **Fundamentals of Entrepreneurship**
- **System Analysis and Design**
- **Object Oriented Programming**

Specialised Module

- **Introduction to Software Engineering**

SEMESTER 5

In their final semester, students acquire basic knowledge of computer networks, digital security and forensics to deepen their knowledge of computing technology and ethical responsibilities. Students also design and implement algorithms using their second programming language, and complete a Software Development Project to show that they can integrate skills, knowledge and understanding from the full programme, including a range of AI techniques for problem solving.

Modules

- **Cyber Security and Forensics**
- **Networking Technologies**

Specialised Modules

- **DevOps and Low Code Development**
- **Capstone Project**

SEMESTER 6

INTERNSHIP (8 weeks)

Students will undertake an Internship/Industrial Training for a minimum period of 8 weeks to prepare them for a smooth transition from the classroom to the working environment.

Further Studies

Upon successful completion of this programme with CGPA of 2.5 & above and fulfilment of requirements for credit transfer, you will be eligible to progress into Level 2 of the following degree programmes offered at APU.

- **BSc (Hons) in Information Technology**
- **BSc (Hons) in Information Technology with a specialism in:**
  - **Information System Security**
  - **Cloud Engineering**
  - **Mobile Technology***
  - **Internet of Things (IoT)***
  - **Digital Transformation**
  - **Financial Technology (FinTech)**
  - **Business Information Systems**
- **BSc (Hons) in Software Engineering**
- **BSc (Hons) in Computer Science (Cyber Security)**
- **BSc (Hons) in Computer Science**
- **BSc (Hons) in Computer Science with a specialism in Data Analytics**
- **BSc (Hons) in Computer Science with a specialism in Digital Forensics**
- **Bachelor of Computer Science (Hons) Intelligent Systems**

** Please take note that Bridging module(s) needed before progress into Level 2*

MDEC™ Premier Digital Tech Institution

*** In addition to the above, all students are also required to successfully complete General Studies modules as stipulated by the Malaysian Qualification Agency, as well as fulfill credit requirements for Co-Curricular Activities.*

DIPLOMA IN INFORMATION & COMMUNICATION TECHNOLOGY WITH A SPECIALISM IN DATA INFORMATICS

(R2/481/4/0620)(07/25)(MQA/A11687)

This APU Diploma in Information & Communication Technology with a specialism in Data Informatics is designed to provide:

- Provide students with skills in software systems development, with emphasis on aspects of data informatics.
- Prepare students for careers in the ICT environments with emphasis on solutions design, software development, technology infrastructure support, data informatics application.
- Enable appreciation of the proven principles and techniques to the development and support of software systems in commercial organisations.
- Provide students with critical, independent and cooperative learning skills so as to facilitate response to continuous future changes in industry practices.
- Develop students' intellectual skills, communications ability and team working capability.

SEMESTER 1

At the beginning of the programme, students will acquire basic mathematical, language and communication skills along with core information technology skills. Students will gain an understanding of basic concepts and terminology related to technology and business management.

Modules

- **Academic Research Skills**
- **Intro to Visual and Interactive Programming**
- **Digital Thinking and Innovation**
- **Information Systems**

SEMESTER 2

The second semester builds on and extends the foundation knowledge developed in the first semester. Language and communication skills are taken to more advanced levels of research and professionalism. The ability to analyse and solve problems using quantitative skills, and familiarity with technology are enhanced.

Modules

- **Operating Systems and Computer Architecture**
- **Database Management**
- **Discrete Mathematics**
- **Professional Communications**

SEMESTER 3

This semester moves students to a new level in information and communication technology related areas such as computer programming, databases, Internet applications and computer system architecture. With this knowledge, students are able to use computing tools and techniques to solve common real-world problems.

Modules

- **Programming with Python**
- **Introduction to AI**
- **Algebra and Calculus**

Specialised Module

- **Statistical Methods**

SEMESTER 4

Students are exposed to more advanced development concepts, including the system development life cycle. Specialisation starts here, with an introduction to data analytics that covers topics such as big data, data warehouse and data mining. Data informatics also requires a deep appreciation of algorithmic thinking, based on calculus and algebra. Besides, usability principles in the web design and development process, and software engineering processes are introduced and developed to support the software development project in the final semester.

Modules

- **Responsive Web Design & Development**
- **Fundamentals of Entrepreneurship**
- **System Analysis and Design**
- **Object Oriented Programming**

Specialised Module

- **Introduction to Data Analytics**

SEMESTER 5

In their final semester, students design and implement algorithm using their second programming language. Two more specialised modules Behavioural Science and Marketing Analytics, and Introduction to Artificial Intelligence, will bring an insight into the techniques used in the design of software and the building of data informatics based systems. The semester completes with Software Development Project which integrates skills, knowledge and understanding from the full programme where students are expecting to include a range of data informatics techniques for problem solving.

Modules

- **Cyber Security and Forensics**
- **Networking Technologies**

Specialised Modules

- **Behavioural Science and Marketing Analytics**
- **Capstone Project**

SEMESTER 6

INTERNSHIP (8 weeks)

Students will undertake an Internship/Industrial Training for a minimum period of 8 weeks to prepare them for a smooth transition from the classroom to the working environment.

Further Studies

Upon successful completion of this programme with CGPA of 2.5 & above and fulfilment of requirements for credit transfer, you will be eligible to progress into Level 2 of the following degree programmes offered at APU.

- **BSc (Hons) in Information Technology**
- **BSc (Hons) in Information Technology with a specialism in:**
  - **Information System Security**
  - **Cloud Engineering**
  - **Mobile Technology***
  - **Internet of Things (IoT)***
  - **Digital Transformation**
  - **Financial Technology (FinTech)**
  - **Business Information Systems**
- **BSc (Hons) in Software Engineering**
- **BSc (Hons) in Computer Science (Cyber Security)**
- **BSc (Hons) in Computer Science**
- **BSc (Hons) in Computer Science with a specialism in Data Analytics**
- **BSc (Hons) in Computer Science with a specialism in Digital Forensics**
- **Bachelor of Computer Science (Hons) Intelligent Systems**

** Please take note that Bridging module(s) needed before progress into Level 2*

MDEC™ Premier Digital Tech Institution

*** In addition to the above, all students are also required to successfully complete General Studies modules as stipulated by the Malaysian Qualification Agency, as well as fulfill credit requirements for Co-Curricular Activities.*

DIPLOMA IN INFORMATION & COMMUNICATION TECHNOLOGY WITH A SPECIALISM IN INTERACTIVE TECHNOLOGY

(R2/481/4/0620)(07/25)(MQA/A11687)

This APU Diploma in Information & Communication Technology with a specialism in Interactive Technology is designed to provide:

- Coverage of the academic aspect as well as the vocational aspect of the wide area of Computing and Information and Communication Technology, with emphasis on aspects of interaction with a system.
- Prepare students for careers in the ICT environments with emphasis on solutions design, multimedia and computer games development, technology infrastructure support and interactive applications.
- Train students with critical, independent and cooperative learning skills so as to facilitate responses to continuous future changes in industry practices.
- Equip students with academic and professional skills to plan, develop and maintain solutions requiring the application of technology in an organisational context within the constraints encountered.

SEMESTER 1

At the beginning of the programme students will acquire basic mathematical, language and communication skills along with core information technology skills. Students will gain an understanding of basic concepts and terminology related to technology and business management.

Modules

- Academic Research Skills
- Intro to Visual and Interactive Programming
- Digital Thinking and Innovation
- Information Systems

SEMESTER 2

The second semester builds on and extends the foundation knowledge developed in the first semester. Language and communication skills are taken to more advanced levels of research and professionalism. The ability to analyse and solve problems using quantitative skills, and familiarity with technology are enhanced.

Modules

- Operating Systems and Computer Architecture
- Database Management
- Discrete Mathematics
- Professional Communications

SEMESTER 3

This semester moves students to a new level in information and communication technology related areas such as computer programming, databases, Internet applications and computer system architecture. With this knowledge, students are able to use computing tools and techniques to solve common real-world problems.

Modules

- Programming with Python
- Algebra and Calculus

Specialised Modules

- Digital Games Design Re-engineering
- Introduction to Graphics and 3D Applications

SEMESTER 4

Students are exposed to more advanced development concepts, including the application of usability principles in the web design and development process, and the system development cycle. At the same time, students are introduced to computer game level design and documentation in the Digital Games Design & Re-engineering. Employability skills are introduced through the principles of Operating Systems, preparing students to provide technical support within an organisation.

Modules

- Responsive Web Design & Development
- Fundamentals of Entrepreneurship
- System Analysis and Design
- Object Oriented Programming

Specialised Module

- Introduction to VRAR and Metaverse

SEMESTER 5

In their final semester, students acquire basic knowledge of computer network to deepen their knowledge of computing technology. Besides, they will be exposed to multimedia technology to enhance their knowledge and understanding on the use of graphics, audio and video. Students also design and implement algorithms using their second programming language and complete a Software Development Project to show that they can integrate skills, knowledge and understanding from the full programme, including multimedia techniques for business presentations and entertainment.

Modules

- Networking Technologies

Specialised Modules

- Digital Image Production
- Audio Visual Technology
- Capstone Project

SEMESTER 6

INTERNSHIP (8 weeks)

Students will undertake an Internship/Industrial Training for a minimum period of 8 weeks to prepare them for a smooth transition from the classroom to the working environment.

Further Studies

Upon successful completion of this programme with CGPA of 2.5 & above and fulfilment of requirements for credit transfer, you will be eligible to progress into Level 2 of the following degree programmes offered at APU.

- BSc (Hons) Computer Games Development
- BSc (Hons) Multimedia Technology
- BSc (Hons) in Multimedia Technology with a specialism in VR/AR
- BSc (Hons) in Information Technology
- BSc (Hons) in Information Technology with a specialism in:
  - Information System Security*
  - Cloud Engineering
  - Mobile Technology*
  - Internet of Things (IoT)*
  - Digital Transformation
  - Financial Technology (FinTech)
  - Business Information Systems
- BSc (Hons) in Software Engineering
- BSc (Hons) in Computer Science*
- BSc (Hons) in Computer Science with a specialism in Data Analytics*
- BSc (Hons) In Computer Science with a specialism in Digital Forensics*
- BSc (Hons) in Computer Science (Cyber Security)*
- Bachelor of Computer Science (Hons) (Intelligent Systems)*

** Please take note that Bridging module(s) needed before progress into Level 2*

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*** In addition to the above, all students are also required to successfully complete General Studies modules as stipulated by the Malaysian Qualification Agency, as well as fulfill credit requirements for Co-Curricular Activities.*

DIPLOMA IN BUSINESS INFORMATION TECHNOLOGY

(R3/340/4/0697)(12/26)(MQA/A8238)

This APU Diploma in Business Information Technology is designed to provide:

- Students for careers in hybrid environments where business information systems are increasingly integrated, encompassing a wide range of enabling technologies and cross-organisational, social, national and international boundaries.
- Students with academic and professional skills to develop solutions requiring the application of both business and information technology disciplines in a commercial and organisational context.
- Students with critical, independent and cooperative learning skills so as to facilitate responses to continuous future changes in technology and industry practices.
- Students with intellectual skills, communications ability and team working capability.

SEMESTER 1

At the beginning of the programme students will acquire basic mathematical, language and communication skills along with core information technology skills. Students will gain an understanding of basic concepts and terminology related to technology and business management.

Modules

- Academic Research Skills
- Digital Thinking and Innovation
- Managing Business
- Practical IT Skills

SEMESTER 2

The second semester builds on and extends the foundation knowledge developed in the first semester. Language and communication skills are taken to more advanced levels of research and professionalism. The ability to analyse and solve problems using quantitative skills, and familiarity with technology are enhanced.

Modules

- International Business
- People Management
- Quantitative Methods
- Professional Communications

SEMESTER 3

In this semester students build on their understanding of general business concepts and procedures to more specific areas, namely marketing and economics. Related technology skills in database systems and computer programming enhance their knowledge and efficiency in solving problems and making decision with computing tools and techniques.

Modules

- Programming with Python
- Business Economics
- Business Statistics
- Marketing

SEMESTER 4

The modules in this semester continue to build on the understanding of general business concepts and procedures to the more specific areas of statistical analysis, accounting, and the legal environment. On the technology side, students are exposed to internet applications design and development, and the system development cycle.

Modules

- Strategic Management and Ethics
- Fundamentals of Entrepreneurship
- Introduction to Accounting
- System Analysis and Design
- Internet Applications

SEMESTER 5

The final semester brings students into more advanced areas of business management, including issues related to organisational capabilities and resources, service quality and sustainability, and management of IT resources. Graduates will be able to demonstrate a range of cognitive and intellectual skills as they apply techniques specific to business, management and information technology to create solutions in real-world situations.

Modules

- E-Commerce
- Principles of Banking and Finance
- Organisational Behaviour
- Digital Operations Management

SEMESTER 6

INTERNSHIP (8 weeks)

Students will undertake an Internship/Industrial Training for a minimum period of 8 weeks to prepare them for a smooth transition from the classroom to the working environment.

*** In addition to the above, all students are also required to successfully complete General Studies modules as stipulated by the Malaysian Qualification Agency, as well as fulfill credit requirements for Co-Curricular Activities.*

Further Studies

Upon successful completion of this programme and fulfilment of requirements for credit transfer, you will be eligible to progress into Level 2 of the following degree programmes offered at APU.

- BA (Hons) in Business Management
- BA (Hons) in Business Management with a specialism in:
  - E-Business
  - Digital Leadership
- BA (Hons) in International Business Management
- BA (Hons) in Marketing Management
- BA (Hons) in Marketing Management with a specialism in Digital Marketing
- BA (Hons) Human Resource Management

** Please take note that Bridging module(s) needed before progress into Level 2*

Upon successful completion of this programme with CGPA of 2.5 & above and fulfilment of requirements for credit transfer, you will be eligible to progress into Level 1, Semester 2 of the following degree programmes offered at APU.

- BSc (Hons) in Information Technology
- BSc (Hons) in Information Technology with a specialism in:
  - Cloud Engineering
  - Digital Transformation
  - Financial Technology (FinTech)
  - Business Information Systems

** Please take note that students who wish to progress to BSc (Hons) in Information Technology or its specialisms, require a Credit Pass in Mathematics at SPM, or a Credit Pass in Mathematics at Diploma in Business Information Technology.*

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DIPLOMA IN BUSINESS ADMINISTRATION

(R2/340/4/0356)(01/24)(MQA/A8886)

This APU Diploma in Business Administration is designed to provide:

- Students for careers in the business administrative environment with emphasis on general business operations, organisation, and management with a technological edge.
- Professional skills to develop solutions requiring a holistic outlook in the business and organisational context.
- Students with critical, independent and cooperative learning skills so as to facilitate response to continuous future changes in industry practices.
- Students with intellectual skills, communications ability and teamworking capability.

SEMESTER 1

In this semester, students will be equipped with language and communication, as well as information technology skills. Throughout the duration of the semester, students will be exposed to various terminologies and basic concepts related to managerial skills in Managing Business module. These skills are imperative for a smooth transition to the following semester. In addition, the Digital Thinking & Innovation module will shift students from traditional ways of working and learning to be more agile and adaptive with the emerging digital technologies.

Modules

- **Academic Research Skills**
- **Digital Thinking & Innovation**
- **Managing Business**
- **Practical Skills**

SEMESTER 2

The modules Professional Communications and Quantitative Methods that are offered in this semester help to further develop students' knowledge and skills significantly with emphasis on aspects that are core to the study of business. In addition, students will be exposed to the theoretical foundations and the internationalisation process of international business and the human resource functions of people management.

Modules

- **Professional Communications**
- **Quantitative Methods**
- **International Business**
- **People Management**

SEMESTER 3

This semester moves the students from the basic business concepts and procedures to more advanced topics like Business Statistics, Marketing and Business Economics. In addition, the Digital Supply Chain module will develop the student's understanding on the nature of digital supply chain in business, and how it is organised and managed.

Modules

- **Digital Supply Chain**
- **Business Statistics**
- **Marketing**
- **Business Economics**

SEMESTER 4

The modules in this semester are aimed at equipping students with the knowledge and skills in the strategic management, statistical and financial aspects of business. In addition, the Fundamental of Entrepreneurship module will begin to take students through the process and the methods involved in the early stages of venture creation.

Modules

- **Fundamental of Entrepreneurship**
- **Strategic Management & Ethics**
- **Introduction to Accounting**
- **E-business**
- **Internet application**

SEMESTER 5

The final semester allows students to progress into more advanced areas of business and management. Students will experience a balance of business theories and practical applications. Most importantly, students will acquire the ability to think independently about business and management decisions.

Modules

- **Organisational Behaviour**
- **E-commerce**
- **Principles of Banking & Finance**
- **Consumer Behaviour**
- **Legal Framework of Business**

Further Studies

Upon successful completion of this programme and fulfilment of requirements for credit transfer, you will be eligible to progress into Level 2 of the following degree programmes offered at APU.

- **BA (Hons) in Business Management**
- **BA (Hons) in Business Management with a specialism in:**
  - **E-Business**
  - **Digital Leadership**
- **BA (Hons) in International Business Management**
- **BA (Hons) in Marketing Management**
- **BA (Hons) in Marketing Management with a specialism in Digital Marketing**
- **BA (Hons) Human Resource Management**
- **Bachelor of Arts (Honours) in Media and Communication Studies ***

** Please take note that Bridging module(s) needed before progress into Level 2*

*** In addition to the above, all students are also required to successfully complete General Studies modules as stipulated by the Malaysian Qualification Agency, as well as fulfill credit requirements for Co-Curricular Activities.*

DIPLOMA IN ACCOUNTING

(R2/344/4/0202)(01/24)(MQA/A8889)

This APU Diploma in Accounting is designed to provide:

- Students with relevant knowledge and skills to follow a career in accounting, business or finance.
- Students with intellectual, communications and team working skills.
- Students with FinTech knowledge and technical skill relevant to accounting.
- Students with opportunities for progression into studies at degree level in relevant areas.
- Opportunities for students to pursue professional qualifications from professional accounting and financial bodies.

** This programme is accredited by ACCA with 3 papers exemption*

ACCREDITED PROGRAMME ACCA

SEMESTER 1

In this semester, students will be equipped with basic IT skills as well as Design Thinking skills with Digital Innovation.Throughout the duration of the study, students will be exposed to various terminologies and basic concepts related to business managerial skills. These skills are imperative for a smooth transition into the following semester.

Modules

- **Digital Thinking and Innovation**
- **Academic Research Skills**
- **Managing Business**
- **Practical IT Skills**

SEMESTER 2

The modules Professional Communications and Quantitative Methods are offered in this semester; to help further develop students' knowledge and skills significantly with emphasis on aspects that are core to the study of accounting. Students are also exposed to information system in accounting where students will practice AIS applications for strategy and operational decision making.

Modules

- **Financial Accounting 1**
- **Accounting Information System**
- **Quantitative Methods**
- **Professional Communications**

SEMESTER 3

This semester moves students from the basic accounting concepts and procedures to more advanced topics in financial accounting. There are also modules in related subjects such as Economics, Marketing and Business Statistics which will expand the knowledge and efficiency in solving problems and make decisions in different areas of business.

Modules

- **Financial Accounting 2**
- **Business Statistics**
- **Marketing**
- **Business Economics**
- **Environmental Issues in Malaysia**

SEMESTER 4

The modules in this semester are aimed to expose students to the latest financial accounting and cost accounting concepts, techniques, trends; and issues in financial accounting and reporting. These modules are targeted to enhance the application skills of students in a higher level of accounting related areas. Students are also exposed to Financial Systems and Fintech and Fundamentals to Entrepreneurship.

Modules

- **Fundamental of Entrepreneurship**
- **Business Law**
- **Financial Systems and Fintech**
- **Financial Accounting 3**
- **Cost Accounting**

SEMESTER 5

The final semester allows students to progress into more advanced areas of Accounting and Taxation. Graduates experience a balance of accounting theory and practical applications with integrated computer technologies and are expected to be able to demonstrate cognitive and intellectual skills with techniques in business management, information technology, finance and accounting. Students will also be exposed to an understanding of Auditing concept; associated with elements such as the usage Big Data, Artificial Intelligence and Robo Auditing.

Modules

- **Basic Taxation**
- **Principles of Audit and Technologies**
- **Ethics and Governance**
- **Financial Accounting 4**
- **Principles of Banking and Finance**

*** In addition to the above, all students are also required to successfully complete General Studies modules as stipulated by the Malaysian Qualification Agency, as well as fulfill credit requirements for Co-Curricular Activities.*

Further Studies

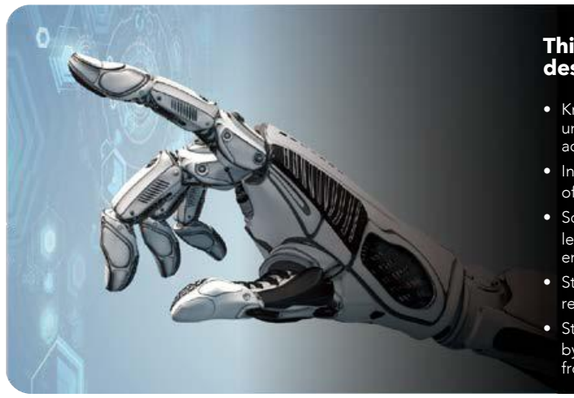
Upon successful completion of this programme with CGPA of 2.5 & above and fulfilment of requirements for credit transfer, you will be eligible to progress into Level 2 of the following degree programmes offered at APU.

- **BA (Hons) in Accounting & Finance**
- **BA (Hons) in Accounting and Finance with a specialism in:**
  - **Forensic Accounting**
  - **Forex and Investments**
  - **Internal Audit**
- **BA (Hons) in Business Management**
- **BA (Hons) in Business Management with a specialism in:**
  - **E-Business**
  - **Digital Leadership**
- **BA (Hons) in International Business Management**
- **BA (Hons) in Marketing Management**
- **BA (Hons) in Marketing Management with a specialism in Digital Marketing**
- **BA (Hons) in Human Resource Management**
- **Bachelor in Banking and Finance (Hons)**
- **Bachelor in Banking and Finance (Hons) with a specialism in:**
  - **Investment and Risk Management**
  - **Financial Technology**

ACCREDITED PROGRAMME ACCA

DIPLOMA IN MECHATRONIC ENGINEERING

(N/0714/4/0001)(06/27)(MQA/PA15640)



This APU Diploma in Mechatronic Engineering is designed to provide:

- Knowledge, skills and attributes enabling them to develop a broad understanding on well defined challenges in the engineering industry in accordance with the Dublin Accord.
- Industrial training is incorporated into the syllabus to enable a generation of future proof aspiring engineers.
- Soft skills which include communication skills, teamwork and life-long learning skills which remain pertinent to the resolution of challenges encountered today and in the future are provided.
- Students with academic and professional skills to develop solutions requiring a holistic yet innovative outlook in mechatronics engineering.
- Students with opportunity to progress seamlessly into degrees recognized by the Washington Accord in relevant areas and a Masters in Engineering from the United Kingdom.

SEMESTER 1

In the first semester, students will be taught Instrumentation focusing on control processes that use sensory technology. The Circuit Analysis module explains and finds out the current and voltage in each element of a network using Kirchhoff's law, network theorems and nodal and mesh analysis. Software based Engineering drawing will also be introduced to complement manufacturing of product.

Modules

- **Instrumentation**
- **Fundamentals of Engineering Mathematics**
- **Circuit Analysis**
- **Engineering Drawing**

SEMESTER 2

Continuation from semester 1; students study Mathematics in more depth. The Analogue Electronics module aims to introduce student to analogue circuits and its analysis. In addition, programming knowledge of the student is enhanced through Python.

Modules

- **Engineering Mathematics 1**
- **Analogue Electronics**
- **Programming with Python**

SEMESTER 3

In semester 3, students will continue studying Mathematics. They would also learn the fundamental principle of logic circuits and their applications in digital system. Student are also exposed to number systems, Boolean algebra and Karnaugh map techniques to construct simplified digital circuits, latches, flip flops and simple asynchronous and synchronous counters.

Modules

- **Engineering Mathematics 2**
- **Digital Electronics**

*** In addition to the above, all students are also required to successfully complete General Studies modules as stipulated by the Malaysian Qualification Agency, as well as fulfill credit requirements for Co-Curricular Activities.*

SEMESTER 4

From semester 4 onwards, students are introduced to material science and robotics. Material science is used to apply the basic principles of chemistry and physics to understand the structure and properties of materials which is crucial when designing systems. Robotics deals with the design, construction, operation, and use of robots and computer systems for their control, sensory feedback, and information processing. Students could create their own robots using the knowledge they gained.

Modules

- **Material Science**
- **Robotics**

SEMESTER 5

Two of the modules in semester 5 involves programming languages. Students are also exposed to Industrial management, safety, and ethics. Entrepreneurship module prepares students for developing a mindset for thinking creatively using innovation, recognising opportunities, and generating entrepreneurial ideas.

Modules

- **Industrial Management, Safety and Ethics**
- **Problem Solving and Programme Design Using C.**
- **Fundamentals of Entrepreneurship**

Elective 1:
- **Applied Mechanics**
- **Fundamental of Petroleum Engineering***

Elective 2:
- **Microprocessor Systems**
- **Petroleum Geochemistry***

SEMESTER 6

In semester 6, Mechatronics students use CAD software to analyse complex mechanical, electronic, or other engineering systems. Thermo-fluid module combines coverage of basic thermodynamics, fluid mechanics, and heat transfer which remain fundamental in maintaining a high efficacy of production processes and in the subsequent design of products or systems.

Modules

- **Computer-Aided Design & Manufacturing**
- **Thermo-Fluids**
- **Engineering Project**

Elective 3:
- **PLC and Pneumatics**
- **Elements of Reservoir Rock and Fluid***

Elective 4:
- **Systems and Control**
- **Petroleum Geology***

INTERNSHIP (16 weeks)

Students will undertake an Internship/Industrial Training for a minimum period of 16 weeks to prepare them for a smooth transition from the classroom to the working environment.

PETROLEUM EXPLORATION SPECIALISM*

Student who intended to pursue Bachelor of Engineering in Petroleum Engineering with Honours in the future will need to take the modules with (*) as electives.

Further Studies

Upon successful completion of this programme and fulfilment of requirements for credit transfer, you will be e ligible to progress into Level 2 of the following degree programmes offered at APU.

- **Bachelor of Engineering in Electrical & Electronic Engineering with Honours**
- **Bachelor of Engineering in Mechatronic Engineering with Honours**
- **Bachelor of Mechanical Engineering with Honours**
- **Bachelor of Computer Engineering with Honours**
- **Bachelor of Petroleum Engineering with Honours**

DIPLOMA IN INTERNATIONAL STUDIES

(N/313/4/0021)(02/25)(MQA/FA4059)

This APU Diploma in International Studies is designed to provide:

- Provide the academic aspect as well as the vocational aspects of International Studies.
- Prepare students for careers in the International Studies environment.
- Provide students with academic and professional skills to develop solutions requiring a holistic outlook in the area of International Studies.
- Provide students with critical, independent and cooperative learning skills so as to facilitate their response to continuous change in international arena.
- Develop students' intellectual skills, communications ability and team working capability.
- Provide students with opportunity to progress into degrees of International standard in relevant areas.

SEMESTER 1

In this semester, students will be introduced to preparatory modules which would be essential for them to embark on their journey in completion of their diploma. Students will be taught English for academic purpose, basic of entrepreneurship and business plus computing skills. Students are also required to take one General Studies module as required by the Malaysian Qualification Agency.

Modules

- **Academic Research Skills**
- **Digital Thinking and Innovation**
- **Managing Business**
- **Practical IT Skills**

SEMESTER 2

This semester is a continuation from semester 1 on preparatory modules where students will be equipped with professional communications skill. They will also embark on some academic research skills which are essential for their future careers. They will be exposed to global business trends as well as Critical International Film Studies that will give them a glimpse to some of the international related issues.

Modules

- **Professional Communications**
- **International Relations**
- **Critical International Film Studies**
- **Global Business Trends**

SEMESTER 3

Starting from semester 3, students will be exposed to the core area of international studies that will include introduction to international relations and international history. The semester will also focus on understanding political ideologies and their impact on global affairs. Contemporary issues and challenges facing Malaysia in its foreign relations will also be covered.

Modules

- **Globalisation and International Studies**
- **International History Since 1900**
- **Modern Political Ideas**
- **Foreign Affairs of Malaysia**

SEMESTER 4

Continuing from semester 3, students will be exposed to more relevant international studies issues, particularly the impact of globalisation and the role of international organisations in global affairs. They will also learn about the different array of global political systems and governments, as well as understand how social movements and revolutions impacts the core features of the international system. Additionally, they will also study environmental issues and concerns such as climate change, biodiversity loss and poor governance.

Modules

- **Introduction to International Political Economy**
- **People Power and Revolutions in World Politics**
- **Fundamentals of Entrepreneurship**
- **Introduction to Comparative Politics**
- **Environmental Issues and Case Studies1**

SEMESTER 5

In semester 5, students will be further introduced to various theoretical and conceptual frameworks for them to apply to real-world case studies in the international arena. They will also learn about international political economy that focuses on how and why countries integrate themselves into a global economy and regionalism for e.g. Southeast Asia where students will study about ASEAN. Also as a continuation from the previous semester, students will be exposed to other environmental issues and concerns.

Modules

- **Theories of International Relations**
- **International Organisations**
- **Regionalism in Southeast Asia**
- **Environment Issues & Case Studies 2**

INTERNSHIP (8 weeks)

Students will undertake an Internship/Industrial Training for a minimum period of 8 weeks to prepare them for a smooth transition from the classroom to the working environment.

Further Studies

Upon successful completion of this programme and fulfilment of requirements for credit transfer, you will be eligible to progress into Level 2 of the following degree programmes offered at APU.

- **BA (Hons) in International Relations**
- **BA (Hons) in International Business Management****
- **BA (Hons) in Business Management****
- **BA (Hons) in Business Management with a specialism in:**
  - E-Business**
  - Digital Leadership**
- **BA (Hons) Human Resource Management****
- **BA (Hons) in Marketing Management****
- **BA (Hons) in Marketing Management with a specialism in Digital Marketing****

*** Please take note that Bridging module(s) needed before progress into Level 2*

Note: Students who obtained a Credit (B) or above for all the core modules in Semester 3, 4 and 5, they will be eligible to progress straight into Level 2 Semester 2 of BA (Hons) in International Relations.

*** In addition to the above, all students are also required to successfully complete General Studies modules as stipulated by the Malaysian Qualification Agency, as well as fulfill credit requirements for Co-Curricular Activities.*

DIPLOMA IN DESIGN & MEDIA

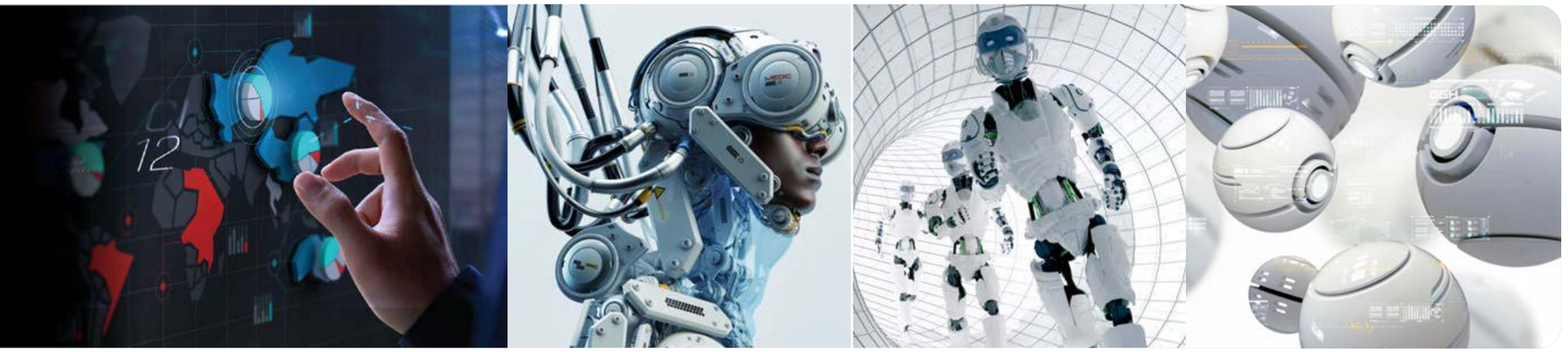
(N/213/4/0226) (12/24) (MQA/FA4392)

Students who undertake this programme will be eligible to progress into Level 2 of:

- **Bachelor of Arts (Honours) in Industrial Design**
- **Bachelor of Arts (Honours) in Animation**
- **Bachelor of Arts (Honours) in Media and Communication Studies**
- **Bachelor of Arts (Honours) in Visual Effects**
- **Bachelor of Arts (Honours) in Digital Advertising**

This APU Diploma in Design & Media is designed to provide:

- Provide a programme that covers the academic aspect as well as the vocational aspects of Design and Media.
- Prepare students for careers in the Design and Media environment.
- Provide students with academic and professional skills to develop solutions requiring a holistic outlook in Design Studies.
- Provide students with critical, independent and cooperative learning skills so as to facilitate their response to continuous future international change.
- Develop students' intellectual skills, communications ability and team working capability.
- Provide students with opportunities for progression into Degree Programmes of Design and Media standard in relevant areas.



COMMON MODULES:

Semester 1, 2 and 3 of this diploma is aim to provide some fundamental modules which are relevant to the Design and Media field and to prepare students proceed to different pathways in Semester 4 and 5. Students will be placed in an innovative learning environment to develop their knowledge and skills in various design and media curriculum.

SEMESTER 1

The first semester aims to provide essential skills to new students that are relevant to their academic life. Students will be exposed to specific terminologies and technologies related to the Design and Media field. Students will learn the fundamentals of drawing, idea generations and the study of trends and visual thinking.

Modules

- **Academic Research Skills**
- **Trends and Visual Thinking**
- **Introduction to Graphic Design**
- **Imaging/Production Skills for Design**

SEMESTER 2

In the second semester, students will develop their communication skills and understand important art theories, media theories and its practices in the creative industry. Students will further polish their hand illustrations skills and presentation methods through the use of marker renderings.

Modules

- **Informing the Masses: Advertising and the Media in the 21st Century**
- **Visual Art Theory and Practice**
- **Drawing & Presentation Techniques**
- **Professional Communications**
- **Introduction to Creative Project**

SEMESTER 3

During the third semester, students will be introduced to the management of creative projects. Students will be exposed to various methods of research that can be used to formulate effective design solutions. Students will also utilise the skills developed from previous semester and practically apply them into team-based projects that will cultivate their design thinking skills. In addition, they will be exploring theoretical original principles in animation, 3D digital imaging, character and environment conceptual art design.

Modules

- **Animation Principles**
- **Introduction to Project Management**
- **Illustration for Concept Art**
- **3D Pipeline**

**In addition to the above, all students are also required to successfully complete General Studies modules as stipulated by the Malaysian Qualification Agency, as well as fulfill credit requirements for Co-Curricular Activities.*

ROUTE A: LEADING TO ADVERTISING AND MEDIA PATHWAY

SEMESTER 4

Be ready to get valuable hands-on experience and exposure to industry based projects in the fourth semester. Students will get to select their pathway modules to further expand their foundations in technical specialisation and creative exploration.

Students will be introduced to the basic use of research techniques to analyse and understand concepts of brand placement and brand identity to formulate design brief based on market research. Students will also be looking into basic marketing principles, issues relating to consumer behaviour and strategies for creative practice.

Modules

- **Motion Graphics**
- **Fundamentals to Entrepreneurship**
- **Digital Illustration Techniques**
- **Major Project Preparation**
- **Cinema Film Analysis**

Elective Module:

- **Client Brief Concept**
- **Communication Theories**

SEMESTER 5

Illustrated talks and informal discussions will take place in semester 5 to investigate the study of design context as well as to critically evaluate and interpret cinematography taxonomies. At the end of their semester, students will proudly showcase their design skills from their Major Project in a public exhibition. This will be an opportunity for them to meet and present their portfolio to a panel of industry experts.

Modules

- **Applied Movement**
- **Major Project**
- **New Media Studies**

Elective Module:

- **Design History and Context OR Introduction to Public Relations**
- **Marketing Fundamentals, Consumer Behaviour and Creative Practice**

ROUTE B: LEADING TO ANIMATION PATHWAY

SEMESTER 4

Be ready to get valuable hands-on experience and exposure to industry-based projects in the fourth semester. Students will get to select their pathway modules to further expand their foundations in technical specialisation and creative exploration.

Students will be provided a broad historical overview of Animation Development. Creativity and contextualisation in moving image production are explored through the introduction of cinema, animation, and other numerous visual mediums.

Modules

- **Motion Graphics**
- **Fundamentals to Entrepreneurship**
- **Digital Illustration Techniques**
- **Major Project Preparation**
- **Cinema Film Analysis**

Elective Module:

- **Digital 2D Animation**

SEMESTER 5

Illustrated talks and informal discussions will take place in semester 5 to investigate the study of design context as well as to critically evaluate and interpret cinematography taxonomies. Alternatively, students will be introduced to traditional and digital character sculpting methods.

By end of their semester, students will proudly showcase their design skills from their Major Project in a public exhibition. This will be a great opportunity for them to meet and present their portfolio to a panel of industry professionals at this event.

Modules

- **Applied Movement**
- **Major Project**
- **New Media Studies**

Elective Module:

- **Design History and Context OR Introduction to Public Relations**
- **Advance 3D Pipeline**

ROUTE C: LEADING TO VISUAL EFFECTS PATHWAY

SEMESTER 4

Be ready to get valuable hands-on experience and exposure to industry-based projects in the fourth semester. Students will get to select their pathway modules to further expand their foundations in technical specialisation and creative exploration.

From stills to moving images, students will gain a deep understanding of the history, theory, and practises of digital compositing. Students will also gain insight into the workflow of visual effects production using a range of post-production technologies, interweaving between 2D working space to 3D working space.

Modules

- **Motion Graphics**
- **Fundamentals to Entrepreneurship**
- **Digital Illustration Techniques**
- **Major Project Preparation**
- **Cinema Film Analysis**

Elective Module:

- **Digital Compositing for Film**

SEMESTER 5

Illustrated talks and informal discussions will take place in semester 5 to investigate the study of design context as well as to critically evaluate and interpret cinematography taxonomies. Alternatively, students will also further develop their skills in 3D post-production techniques such as 3D tracking, lighting, and compositing.

By end of their semester, students will proudly showcase their design skills from their Major Project in a public exhibition. This will be a great opportunity for them to meet and present their portfolio to a panel of industry professionals at this event.

Modules

- **Applied Movement**
- **Major Project**
- **New Media Studies**

Elective Module:

- **Design History and Context OR Introduction to Public Relations**
- **Advance 3D Pipeline**

ROUTE D: LEADING TO INDUSTRIAL DESIGN PATHWAY

SEMESTER 4

Be ready to get valuable hands-on experience and exposure to industry based projects in the fourth semester. Students will get to select their pathway modules to further expand their foundations in technical specialisation and creative exploration.

Students will experience hands-on practical sessions to understand how to work with different tools and materials. Students will also be exposed to solid modelling computer-aided design skills such as Solidworks or Rhino.

Supplementing to their final individual project, they will also learn essential techniques to digitally illustrate their designs and animate in 2D and 3D.

Modules

- **Cinema Film Analysis**
- **Fundamentals to Entrepreneurship**
- **Motion Graphics**
- **Digital Illustration Techniques**
- **Major Project Preparation**

Elective Module:

- **Design Style and Substance**

SEMESTER 5

Illustrated talks and informal discussions will take place in semester 5 to investigate the study of design context as well as to critically evaluate and interpret cinematography taxonomies. At the end of their semester, they will proudly showcase their design skills from their Major Project in a public exhibition. This will be an opportunity for them to meet and present their portfolio to a panel of industry experts.

Modules

- **Applied Movement**
- **Major Project**
- **New Media Studies**

Elective Module:

- **Design History and Context OR Introduction to Public Relations**
- **C.A.D Project OR Surface Modeling**

Certificate Programmes

- **CERTIFICATE IN ADMINISTRATIVE SKILLS (CAS)**
- **CERTIFICATE IN INFORMATION & COMMUNICATION TECHNOLOGY (CICT)**

CERTIFICATE IN ADMINISTRATIVE SKILLS (CAS)

ASIA PACIFIC INSTITUTE OF INFORMATION TECHNOLOGY

(N/313/4/0021)(02/25)(MQA/FA4059)

This APIIT Certificate in Administrative Skills (CAS) is designed to provide:

- Strong communication, leadership and administrative skills as well as the necessary fundamental knowledge to take on this challenging and ever changing business world.
- Opportunities for progression into Diploma programmes or to embark on a career in administration, marketing, accounting and human resources.

DURATION

16 Months (3 Semesters)

ENTRY REQUIRMENTS

- 1 Credit at SPM level with a minimum of a pass in Bahasa Malaysia and Sejarah (History);
- 1 Credits (Grade C & above) at IGCSE/O-Levels;
- 1 Credit (Grade B & above) at UEC;
- A qualification that APIIT accepts as equivalent to the above.

SEMESTER 1

Modules

- **Basic Mathematics**
- **Fundamental IT Skills**
- **Youth Development**
- **Introduction to Managing Business**
- **Basic Research Skills**

SEMESTER 2

Modules

- **Introduction to Statistics**
- **Digital Thinking and Innovation**
- **Business English**
- **Personal Skills**
- **Basic Accounting**
- **Ethics at Workplace**

SEMESTER 3

Modules

- **Basic Finance**
- **Purchasing Inventory**
- **Book-Keeping & Accounting Software**
- **Payroll Preparation**
- **Basic Marketing Skills**
- **Office Administrative Skills**

**In addition to the above, all students are also required to successfully complete General Studies modules as stipulated by the Malaysian Qualification Agency, as well as fulfill credit requirements for Co-Curricular Activities.*

Further Studies

Upon successful completion of this programme, you will be eligible to progress into any of the following diploma programmes offered at APU:

- **Diploma in Business Administration**
- **Diploma in Business with Information Technology**
- **Diploma in Accounting****
- **Diploma in Design and Media**
- **Diploma in International Studies**

*** Students Progressing to Diploma in Accounting is required to have Credit Pass in Mathematics at SPM / O-Levels / IGCSE.*

Note:
Students who have successfully completed the Certificate Programme may be allowed to transfer credits into the respective Diploma Programmes subject to general terms of credit transfer policy and as a result may be allowed to commence the Diploma directly from semester two.

CERTIFICATE IN INFORMATION & COMMUNICATION TECHNOLOGY (CICT)

(R/482/3/0072)(02/25)(MQA/FA5379))

This APIIT Certificate in Information & Communication Technology (CICT) is designed to provide:

- Strong communication, leadership and ICT skills as well as fundamental knowledge to take on a career in this challenging and ever changing IT world.
- Opportunities for progression into Diploma Programme or to embark on a career in Computing, Software Engineering, and various other applications of IT.

DURATION

16 Months (3 Semesters)

ENTRY REQUIRMENTS

- 1 Credit in any subject at SPM level with a minimum of a pass in Mathematics, Bahasa Malaysia and Sejarah (History);
- 1 Credits (Grade C & above) in any subject with a Pass in Mathematics at IGCSE/O-Levels;
- 1 Credit (Grade B & above) in any subject with a Pass in Mathematics at UEC;
- A qualification that APIIT accepts as equivalent to the above.

SEMESTER 1

Modules

- **Basic Mathematics**
- **Fundamental IT Skills**
- **Youth Development**
- **Introduction to Managing Business**
- **Basic Research Skills**

SEMESTER 2

Modules

- **Introduction to Statistics**
- **Database Concepts**
- **Digital Thinking and Innovation**
- **Fundamentals of Information Systems**
- **Personal Skills**
- **Ethics at Workplace**

SEMESTER 3

Modules

- **Fundamentals of Visual Programming**
- **Fundamentals of E-Business Applications**
- **Computer Networks**
- **Introduction to Computer Architecture**
- **Windows Configuration & Maintenance**
- **Web Design & Technology**

**In addition to the above, all students are also required to successfully complete General Studies modules as stipulated by the Malaysian Qualification Agency, as well as fulfill credit requirements for Co-Curricular Activities.*

Further Studies

Upon successful completion of this programme, you will be eligible to progress into any of the following diploma programmes offered at APU:

- **Diploma in Information and Communication Technology**
- **Diploma in Information and Communication Technology with a specialism in Software Engineering**
- **Diploma in Information and Communication Technology with a specialism in Data Informatics**
- **Diploma in Information and Communication Technology with a specialism in Interactive Technology**
- **Diploma in Business Information Technology**

Note:
Students who have successfully completed the Certificate Programme may be allowed to transfer credits into the respective Diploma Programmes subject to general terms of credit transfer policy and as a result may be allowed to commence the Diploma directly from semester two.

WONG MUN CHOONG, ALEXANDER (Malaysia)

Diploma in Information Technology (2010)
BSc (Hons) in Computing with a specialism in Software Engineering, Class of 2012
Software Engineer - Fusionex International

"I would describe these place as exciting and opportunistic. Every day, there are constantly new adventure to tried up, ranging from hackathon and competition that are constantly recommended by the professor or tutor in order to push our limit. In fact, what benefit me most is the encouragement and support provided by staff and tutor during the entire journey as an APIITian and prepped me in every challenge faced throughout career. What you learned in classroom will never be enough. Take the opportunity you have as student and challenge yourself to the limit. You will be surprise the amount of experience you will get from these."

ELAHEH SHAKERI (Iran)

Diploma in Electrical & Electronic Engineering (2012)
B.Eng (Hons) in Mechatronic Engineering, Class of 2016
Project Engineer - Coesia Group, Italy

"Today I'm proud to be considered as the best of the best engineering graduates in the globally leading supplier of high-tech machinery. APU was where I created my future in."

WHAT OUR ALUMNI SAY...

DARSHINI NADARAJAN (Malaysia)
Foundation (2008)
BA (Hons) in International Business Management, Class of 2011
Partnerships & Promotions Assistant Manager - Movie Animation Park Studios (MAPS)

"University is all about learning, gaining new skills and new experiences. APIIT is a place that encourages students to develop holistically. Join different clubs/societies, or start your own and see yourself grow. Remember, hiring managers are looking for skills and experiences, not just your academic results."

LIW SUN HUNG (Malaysia)
Foundation (2010)
B.Eng (Hons) in Telecommunication Engineering, Class of 2014
Product Engineer - Huawei Technologies, Malaysia

"As the beginning of a journey, the first thing you should do is to throw away your map on hand and start with you own drawing. APU is where my innovative path with sparkling ideas begun."

HO LIP XIN (Malaysia)
Foundation (2008)
BA (Hons) in Accounting and Finance, Class of 2011
Senior Consultant / Manager - Pricewaterhouse Coopers (PwC)

"APU, or previously known as UCTI, is a great university. It is rather unique in the sense that this university actually requires its students to wear formally for classes. This unique culture creates a professional environment within the campus and I am glad that my parents enrolled me into this university immediately after the completion of my secondary education.

The high quality education obtained from APU helps me to stand out among other applicants in job application, and I was offered a job in one of the premier accounting firm immediately upon graduation. Moreover, the knowledge that I obtained from the bachelor degree programme in APU is also of great help when I sat for my ACCA examination."

AISHATH ARSHEE KHALEEL (Maldives)
Foundation (2010)
BA (Hons) in Media Marketing, Class of 2013
MSc in Global Marketing Management, Class of 2016
Business Development Manager & Acting General Manager - Gelmax Madives Pvt. Ltd.

"APU did not only inspired me in my career but also inspired me in my Professional Skills and Career Development as a whole. What was learned through APU with their skilled lecturers in a multicultural environment that fostered an intensive learning culture would forever be cherished. My memories at APU are going to be remembered as some of the best days of my life."

ADRI AHMAD BIN ADLAN (Malaysia)
Foundation (2011)
BSc (Hons) in Computer Games Development, Class of 2014
QA Tester - Streamline Studios

"Studying in APU has been an unforgettable experience. I entered APU with such hopes of becoming a video game developer but what I got instead were something more than that. Throughout my years in APU, I did a lot of things. Being a librarian in the library, joined various Homestay events, became president for the APU Malay Cultural Society, co-founded an anime club called Manga, Anime and Games (M.A.G.) Club, join more fun events and so much more! I've encountered many people and hold many positions but those accumulated into a huge experience that I will never forget. I can say that not only I learn the fundamentals of video game development from the classes APU provides but I learn the fundamentals of life from the people I meet here in APU."

Awards & Accolades

APIIT Education Group is the proud recipient of

Prime Minister's Award

and Export Excellence Award (Services) for Industry Excellence Awards - March 2011

The APIIT Education Group received the prestigious Prime Minister's Industry Excellence Award from the Prime Minister of Malaysia. Only one organisation was selected to receive the Prime Minister's Industry Excellence Award from among nearly 30 other award recipients in 8 different categories.

The Industry Excellence Awards, organised by the Ministry of International Trade & Industry (MITI), recognises and rewards organisations for organisational excellence including competitiveness, innovativeness, market presence and export performance. Winning the Prime Minister's Industry Excellence Award is a significant milestone and an honour for APU as a leader in higher education. The award truly reflects our commitment and focus on quality, innovation, graduate employability and internationalisation.

MAKING HISTORY - AWARDS AND ACHIEVEMENTS

Awards received by the university and our students at local, regional and international competitions are a testimony to their knowledge, skills and professional attributes.

HILTI IT COMPETITION
2023 - Champion
2022 - 2nd Runner Up
2021 - Champion
2020 - Champion
2020 - 1st Runner Up

MDEC PREMIER DIGITAL TECH INSTITUTION AWARDS
2022 - PDTI Outstanding Faculty 2022
2022 - Best Faculty Member

ASIA PACIFIC ICT AWARDS (APICTA) MALAYSIA
2022 - Winner of 'Student-Tertiary Technology'
2020 - Winner of 'Best of Tertiary Student Project'
2019 - Winner of 'Best of Tertiary Student Project'
2016 - Top Award for 'Best of Tertiary Student Project'
2013 - Top Award for 'Best of Tertiary Student Project'
2012 - Top Award for 'Best of Tertiary Student Project'
2011 - Winner of 'Special Jury Award' by the Prime Minister
2011 - Top Award for 'Best of Tertiary Student Project'
2011 - Merit Award for 'Best of Tertiary Student Project'
2011 - Merit Award for 'Best of Tertiary Student Project'
2010 - Top Award for 'Best of Tertiary Student Project'
2008 - Top Award for 'Best of e-Inclusion & e-Community'
2005 - Top Award for 'Best of Applications & Infrastructure Tools'
2004 - Top Award for 'Best of Education & Training'
2004 - Top Award for 'Best of Applications & Infrastructure Tools'
2004 - Merit Award for 'Best of Research & Development'
2003 - Merit Award for 'Best of Research & Development'
2002 - Merit Award for 'Best of Smart Learning Applications'
2001 - Merit Award for 'Best of Smart Learning Applications'
2000 - Merit Award for 'Best of Smart Learning Applications'
2000 - Top Award for 'Best of Student Projects'
1999 - Merit Award for 'Best of Student Projects'

INTERNATIONAL INVENTION, INNOVATION & TECHNOLOGY EXHIBITION (ITEX)
2022 - 1 Gold Award for the Invention, Innovation and Technology category
2019 - 1 Gold Award for the Invention, Innovation and Technology category
2018 - 1 Bronze Award for the Invention, Innovation and Technology category
2018 - 1 Silver Award for the Invention, Innovation and Technology category
2018 - 1 Silver Award for the Invention, Innovation and Technology category
2017 - 1 Silver Award for the Invention, Innovation and Technology category
2016 - 1 Gold Award for the Invention, Innovation and Technology category
2016 - 1 Silver Award for the Invention, Innovation and Technology category
2016 - Best Green Invention Award
2015 - 1 Gold Award for the Invention, Innovation and Technology category
2015 - 1 Bronze Award for the Invention, Innovation and Technology category
2014 - 1 Gold Award for the Invention, Innovation and Technology category
2014 - 1 Bronze Award for the Invention, Innovation and Technology category
2013 - 2 Silver Medals for the Invention, Innovation and Technology category
2013 - 2 Gold medals for the innovator category

MALAYSIA TECHLYMPICS: DATA SCIENCE CHALLENGE
2022 - Champion

CYBERSECURITY EXCELLENCE AWARDS
- BEST CYBERSECURITY EDUCATION PROVIDER IN ASIA
2022 - Gold Winner
2021 - Gold Winner
2020 - Gold Winner
2019 - Gold Winner

INTERNATIONAL INNOVATION ARSVOT MALAYSIA (IAM)
2022 - Gold Award
2022 - Bronze Award
2021 - Silver
2021 - Silver

INSTITUTE OF ENGINEERS MALAYSIA (IEM) AWARD
2022 - Gold Award
2020 - Gold Award
2019 - Gold Award
2018 - Gold Award
2017 - Gold Award
2016 - Gold Award
2015 - Gold Award
2014 - Gold Award

FINAL YEAR PROJECT & POSTGRADUATE: RESEARCH & INNOVATION POSTER COMPETITION (RIPC)
2022 - Gold Winner in the Category: Master Science, Technology, Engineering, and Mathematics
2021 - Gold Award in the Category C1: Degree Final Year Project Science, Technology, Engineering and Mathematics

ODYSSEY HACKFEST: ONLINE CATEGORY
2022 - Champion

4TH NATIONAL SYMPOSIUM ON HUMAN COMPUTER INTERACTION - FUSION 2022: STUDENT DESIGN COMPETITION
2022 - 1 Gold award, 3 Silver awards, 5 Bronze awards, 3 Special Jury Awards for best poster and best video, and 2 Lucky Winners.

DATA MINING CUP
2022 - 1st Place
2022 - 3rd Place

INTEL & CREST INDUSTRY-UNIVERSITY CHALLENGE
2022 - Grand Prize

IEM-INTEGRATED DESIGN PROJECT SHORT VIDEO COMPETITION
2022 - 1st Place Winner

RHB GET YOUR HACK ON: DATA EDITION
2022 - Winner of AWS Special Award

JAMES DYSON AWARD MALAYSIA
2022 - National Runner Up
2021 - National Champion
2020 - National Champion

MAKING HISTORY - AWARDS AND ACHIEVEMENTS

INNOVATIVE RESEARCH, INVENTION AND APPLICATION EXHIBITION (I-RIA)
2022 - Silver Awards

BATTLE OF HACKERS (BOH)
2022 - 1st Runner Up
2022 - 3rd Runner Up
2021 - Champion
2021 - Top 6
2021 - Top 7
2021 - Top 8

THE IMECHE PLC DESIGN COMPETITION 2021
2022 - 1st Runner Up
2021 - Champion (Degree Level)
2021 - 1st Runner Up (Degree Level)
2021 - 1st Runner Up (Diploma Level)

SEAR PLC DESIGN COMPETITION
2022 - 1st Runner Up

INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING (IUCEL) COMPETITION
2022 - 2 Silver Awards 1 Bronze Award
2021 - Gold
2021 - 2 Silver Awards
2019 - 2 Gold Awards
2019 - Silver
2018 - 2 Gold Awards
2018 - Silver

SOCIETY OF PETROLEUM ENGINEERS (SPE) INTERNATIONAL
2022 - Society of Petroleum (SPE) Presidential Award for Outstanding Student Chapter
2021 - Student Chapter Excellence Award

EY ENTREPRENEUR OF THE YEAR MALAYSIA
2021 - EY Entrepreneur Of The Year 2021 Malaysia

THE AWS HACKATHON BUILD ON MALAYSIA
2021 - Champion
2021 - 1st Runner Up
2021 - 2nd Runner Up
2020 - Champion
2020 - Best Innovation Award

CISCO PACKET TRACER NATIONAL CHALLENGE
2021 - Champion

ASIA INTERNATIONAL INNOVATION EXHIBITION (AIINEX)
2021 - 2 Gold Awards + 2 Special Awards

THE VIRTUAL INNOVATION COMPETITION (VIC) AWARD
2021 - 2 Gold Medal in the Category: Tertiary - Science & Technology
2021 - Best Video Special Award in the Category: Tertiary - Science & Technology

FUSION UX-HACKATHON
2021 - 1st Place & Gold Award
2021 - Silver Award
2021 - Bronze Award

KARUNA HACKWND
2021 - 1st Place & 3rd Place in the Mobile Application Category

XYLEM REACH STUDENT HACKATHON
2021 - 1st Prize Winner

DIVERSITY AND INCLUSION YOUTH CONFERENCE (DYIC) COVID-19 BUSINESS STARTUP CHALLENGE
2021 - Grand Prize

UPSI'S CONNECT 2021 – DESIGN 2 CONNECT E-POSTER COMPETITION
2021 - 1st Prize
2021 - 2nd Prize
2021 - 3rd Prize

WORLD ENGINEERING, SCIENCE & TECHNOLOGY CONGRESS (ESTCON2020)
2021 - Winner of 'Best Paper Award' in the International Conference on Production, Energy & Reliability (ICPER) category

IMECHE DESIGN SKILL COMPETITION
2021 - Champion

TUNKU ABDUL RAHMAN UNIVERSITY COLLEGE (TAR UC) CAPTURE-THE-FLAG COMPETITION
2021 - Champion
2021 - 2nd Runner Up

PENANG INTERNATIONAL INVENTION, INNOVATION AND DESIGN (PIID)
2021 - Gold
2021 - Silver

MIFF FURNITURE DESIGN COMPETITION
2021 - Winner
2021 - Best Mentor Award

YOUNG EXCELLENCE AWARD (YEA)
2021 - Winner of the Young Excellence Award (YEA) 2021 under category Pandemic Leadership Award

SUSTAINABLE DEVELOPMENT GOALS (SDG) FILMFEST
2021 - Winner of 'Best Overall Film'
2021 - Winner of 'Dramatization or Re-Enactment Award'
2021 - Winner of 'Best Production Value Award'

DIVERSITY AND INCLUSION YOUTH CONFERENCE (DYIC) COVID-19 BUSINESS STARTUP CHALLENGE
2021 - Grand Prize

MERDEKA AWARD PRESENTATION CEREMONY
2021 - Grantee of the Merdeka Award Grant for International Attachment

THE 3RD INTERNATIONAL ACADEMIC AND RESEARCH EXCELLENCE AWARDS (IARE)
2021 - The Best Academician of the Year Award (Male) (Overseas)

PEKAN RAYA STATISTIKA DATA ANALYSIS COMPETITION
2021 - Best Algorithm Award

28TH NATIONAL MATHEMATICAL SCIENCE SYMPOSIUM
2021 - PERSAMA Award for Best PhD Thesis and Best Academic Article

AIM DATA SCIENCE FACULTY EXCELLENCE AWARD
2021 - Outstanding Graduate Student Teaching Award

DATA VISUALIZATION COMPETITION, DATA CHALLENGE – TELL A STORY WITH DATA
2021 - Viewer's Choice Award

WOMEN ICON, IN ASSOCIATION WITH TIMES WOMEN
2021 - Outstanding Academician Award highlighted with No.1 Women Excellence Award
2021 - Emerging Women Award highlighted with No.1 Women Excellence Award

UIJIR ACADEMIC RESEARCH FOUNDATION INDIA
2021 - Young Researcher Award

GLOBAL CLIMATE HACK COMPETITION
2021 - 3rd Place
2021 - People's Choice Award

INTERNATIONAL RESEARCH FELLOWSHIP AWARD BY MAE FAH LUANG UNIVERSITY (MFU), THAILAND
2021 - International Research Fellowship Award

INTERNATIONAL INVENTION, INNOVATION & DESIGN EXPO (INoDEx)
2021 - 4 Silver Awards

VIRTUAL-MELAKA INTERNATIONAL INTELLECTUAL EXPOSITION (V-MIIEX)
2021 - Silver Award

THE INTERNATIONAL RESEARCH AND SYMPOSIUM AND EXPOSITION (RISE)
2021 - Silver Award

INTERNATIONAL INNOVATION ARSVOT MALAYSIA (IAM)
2021 - 2 Silver Awards

WOMEN SCIENTIST OF THE YEAR BY HUMCEN AWARDS
2021 - 2nd Runner Award

F-SECURE MDEC CYBERSECURITY COMPETITION
2021 - 2nd Runner Up
2021 - Top 6

MAKING HISTORY - AWARDS AND ACHIEVEMENTS

F-SECURE INTERVARSITY CYBERSECURITY CHALLENGE
2020 - Champion
2018 - Champion and 2nd Place
2017 - Champion
2016 - Champion

ATOS GLOBAL IT CHALLENGE
2020 - Champion
2016 - 1st Runner Up

INTERNATIONAL ICT INNOVATIVE SERVICES AWARDS
2020 - Best Innovation Award
2019 - Best Innovation Prize

MALAYSIAN ACTUARIAL STUDENTS ASSOCIATION (MASA) HACKATHON
2020 - Champion
2020 - 1st Runner Up
2020 - 2nd Runner Up

ACCA POWER OF ETHICS COMPETITION
2020 - Champion of 'Most Creative Promotional Video'
2020 - 1st Runner Up of 'Best In-Campus Promotional Campaign'

MALAYSIA RESEARCH ASSESSMENT (MYRA®) RATINGS 2020
2020 - Special Award (Best Achievement)

ERNST & YOUNG (EY) ASIA-PACIFIC CYBER HACKATHON CHALLENGE
2019 - Champion

NATIONAL MATHEMATICS COMPETITION
2019 - Champion and Consolation Prize
2018 - Champion

KPMG CYBER SECURITY CHALLENGE
2018 - Top University Award
2018 - Champion ("APT, Malware & Cyber powered by FireEye" track)
2018 - Champion ("Engineering & Cyber – powered by IET" track)
2018 - 2nd Runner Up (Cyber Security Challenge 2018 - National Finals)

MALAYSIAN FINANCIAL PLANNER AWARD
2018 - 1st Runner Up

PROTON DRB-HICOM CREATIVE CAR CHALLENGE
2018 - Champion
2018 - Third Prize (Design Battle)

CIMB 3D CONQUEST
2018 - Champion (Data Science)
2018 - 2nd Runner Up (Coding)
2018 - 4th Runner Up (Coding)

SINCHEW BUSINESS EXCELLENCE AWARD
2018 - Product Excellence Award (Data Science)

SINCHEW EDUCATION AWARD
2018 - Outstanding Educational Institution: Private University
2018 - Product Award

PRIDE INNOVATION AND TRANSFORMATION CHALLENGE
2018 - Champion

PERTANDINGAN NYANYIAN LAGU MELAYU ANTARABANGSA (PALMA)
2018 - Champion
2018 - 2nd Runner Up
2018 - Consolation Prize

NASA SPACE APPS CHALLENGE (KUALA LUMPUR)
2018 - Champion
2018 - 1st Runner Up

RED RIBBON MEDIA AWARDS
2018 - Best Poster Design
2018 - Best Poster Copywriting

INTERNATIONAL INVENTION & INNOVATIVE COMPETITION (INIIC)
2018 - Gold Medal (Science, Engineering & Technology)
2018 - Silver Medal (Science, Engineering & Technology)
2018 - Bronze Medal (Science, Engineering & Technology)

NXDEFENDER CYBER SECURITY COMPETITION
2018 - Champion

CREST-INTEL INDUSTRY-UNIVERSITY CHALLENGE
2018 - Champion
2017 - 1st Runner Up
2017 - Consolation Prize

INVENTION & INNOVATION COMPETITION FOR PRIVATE INSTITUTIONS OF HIGHER LEARNING (PERINTIS)
2018 - Gold Award
2018 - Gold Award
2018 - Gold Award
2018 - Silver Award
2018 - Silver Award
2018 - Silver Award
2018 - Silver Award
2018 - Silver Award
2018 - Silver Award
2018 - Silver Award
2018 - Bronze Award
2016 - Silver Award
2016 - Bronze Award
2016 - Bronze Award
2016 - Bronze Award

WORLD ASIAN BUSINESS CASE COMPETITION
2018 - Top 10
2017 - Top 10

SCHNEIDER ELECTRIC'S 'GO GREEN IN THE CITY' COMPETITION-MALAYSIA
2018 - 1st Runner-up
2016 - 1st Runner-up
2016 - 2nd Runner-up
2015 - 1st Runner-up
2014 - 1st Runner-up

I DARE YOU CHALLENGE
2018 - 1st Runner Up
2018 - Consolation Prize
2018 - Best Supporting University

UNIMAKER CENTRAL REGION COMPETITION
2018 - Champion

UNIKL BUSINESS SCHOOL MANAGEMENT & ENTREPRENEURSHIP CONFERENCE
2018 - Best Research Paper Award (Postgraduate)

ASIAN DOMINATOR CRICKET CUP
2018 - Champion

DISRUPT-IT CHALLENGE (DIC)
2018 - 1st Place

SAS NATIONAL FINTECH CHALLENGE
2018 - 1st Place

ASEAN VIRTUAL BUSINESS PLAN COMPETITION
2018 - 1st Place

FAMELAB MALAYSIA
2018 - Audience Choice Award

"HACK FOR GOOD" CHALLENGE
2018 - 3rd Place

ASEAN DATA SCIENCE EXPLORERS
2018 - 2nd Runner Up

FISHERTHON
2018 - 2nd Place
2018 - 3rd Place

SUKAN INSTITUTI PENDIDIKAN TINGGI (SUKIPT)
2018 - Bronze (Cricket)

INNOVATE MALAYSIA FINALS
2018 - Winner

MALAYSIAN FINANCIAL PLANNER AWARD
2018 - 1st Runner Up

UNIKL BUSINESS SCHOOL MANAGEMENT & ENTREPRENEURSHIP CONFERENCE
2018 - Best Research Paper Award (Postgraduate)

RED RIBBON MEDIA AWARDS
2018 - Best Poster Design
2018 - Best Poster Copywriting

For more awards listing, please visit APU website.

APIIT EDUCATION GROUP

Asia Pacific University of Technology & Innovation (APU) Company no. 672203-A
Asia Pacific Institute of Information Technology (APIIT) Company no. 260744-W
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