

SCHOOL OF INFORMATION & COMMUNICATION TECHNOLOGY

Bachelor of Information & Communication Technology (Hons.) (BICT)

BICT programme is a blended learning Bachelor programme offered by Asia e University, a leading dual mode university recognised by 31 member countries of the Asia Cooperation Dialogue (ACD). It is accredited by Malaysian Qualifications Agency (MQA) under the Ministry of Higher Education Malaysia. It covers a wide range of topics on state-of-the-art technologies and concepts to prepare ICT professionals for today's industries. The flexibility in learning and assessment is ideal for busy working adults who aspire to enhance their qualifications. With Open Entry Requirements, AeU recognises your prior learning and working experience in the fulfillment of academic curriculum.



Learning Objectives

- Students will be able to adapt to operating environments and the factors that enhance work effectiveness.
- Students become more critical in their thinking, measured in their approach, sensitive to their surroundings and matured in their handling of issues affecting their organisations.
- Students become more creative, resourceful, able to work in teams and with leadership qualities.
- Students are able to communicate effectively and prepare reports that meet user requirements.
- Students become more responsible, ethical and committed to the promotion of good behaviour and deeds that meet professional standards.

Entry Requirements

- Diploma in Information Technology or equivalent with at least CGPA 2.00, OR
- Matriculation/preparatory programmes with at least CGPA 2.00, OR
- SPM or its equivalent with 3 years related working experience, OR
- International Baccalaureate with 24 points, OR
- A Level/K-12 with at least C grade in 3 subjects, OR
- Open Entry Requirements recognised by the Malaysian Ministry of Higher Education (ONLY applicable for BICT in part-time mode):
 - Be at least 21 years old and possess PMR/equivalent and relevant working experience, OR
 - Other qualifications recognised by AeU Senate

SUBJECTS

MQA Subjects

1. Bahasa Kebangsaan
2. Malaysian Studies
3. Islamic/Moral Studies

Compulsory

1. Academic Writing
2. Entrepreneurship in Asia
3. Asian Studies
4. Ethics in Asia

Core

1. Fundamental Concepts of ICT
2. Computer Programming
3. Operating Systems
4. The Internet and World Wide Web*
5. Discrete Mathematics
6. Information Analysis and Design
7. Database System
8. Object Oriented Programming
9. Computer Communication and Networks
10. Introduction to Multimedia
11. Human Computer Interaction
12. Computer Security and Disaster Recovery
13. Statistical Methods in ICT*
14. Management Information Systems
15. Computer Ethics and Law in ICT
16. Knowledge Management
17. ICT Project Management

* Not applicable for full-time mode

Additional Components for Full-Time

- 4 Elective Subjects
- Project Paper
- Industrial Training

Additional Components for Part-Time

- 4 Elective subjects
- Project Paper OR Industrial Training

A) INFORMATION SYSTEMS

1. Computer Forensics
2. E-Commerce
3. Customer Relationship Management
4. Software Engineering
5. Data Warehousing
6. Decision Support System
7. Accounting Information Systems
8. IS Audit and Control
9. IS Strategic Planning
10. Internet Security

B) MULTIMEDIA COMPUTING

1. Multimedia System
2. Audio Technology for Multimedia
3. Video Technology for Multimedia
4. Multimedia Web Development
5. Principles & Design of Animation
6. Digital Animation Development
7. Virtual Reality
8. Game Design & Development
9. Mobile Computing
10. Multimedia Authoring & Scripting

C) ENTERPRISE NETWORKING

1. Fundamental of Enterprise Networking
2. Routing Protocol and Concepts
3. LAN Technologies
4. Distributed Systems
5. Introduction to Network Programming & Design
6. Switching Technologies
7. Wireless Technologies
8. Enterprise Network Management
9. Mobile Communications
10. WAN Technologies

D) SOFTWARE ENGINEERING

1. Software Engineering
2. Requirements Engineering
3. Software Constructions
4. Software Quality Assurance
5. Software Testing
6. Software Architecture and Design
7. Software Engineering for Real Time Systems
8. Agile Software Development
9. Software Integration and Improvement
10. Usability Engineering

PROGRAMME FACTS

Full Time	✓	Part Time	✓
Duration	3 - 5 years		
No. of Semesters	14 (1 semester is 4 months)		
No. of Subjects	Full Time (38), Part Time (39)		
Frequency of Tutorials (Optional)	Full Time (Daily), Part Time (On Needs Basis)		
Assessment	Assignment	60%	
	Final Exam	40%	
MQA Accreditation	Full Time - KPT/JPS (N/481/6/0110) 08/16, PA 1091 Part Time - KPT/JPS (KA 9489) 1/14, PA 9489		
EPF, PTPTN & HRDF Claimable (For Malaysians)	Yes		

FREQUENTLY ASKED QUESTIONS

1. **When are the intakes?**
 - January, May and September.
 2. **How do you apply?**
 - Go to our website: www.aeu.edu.my
 - Click on "Apply Online"
 - Submit the form
 3. **Is there any financial assistance?***
 - If you pay the full semester fee before Week 3 of that semester, you are entitled for 10% discount
 - If you perform very well in a semester, you may be eligible for the AeU Merit Scholarship which entitles you to a waiver of the tuition fee for the next semester.
- * Terms and conditions apply