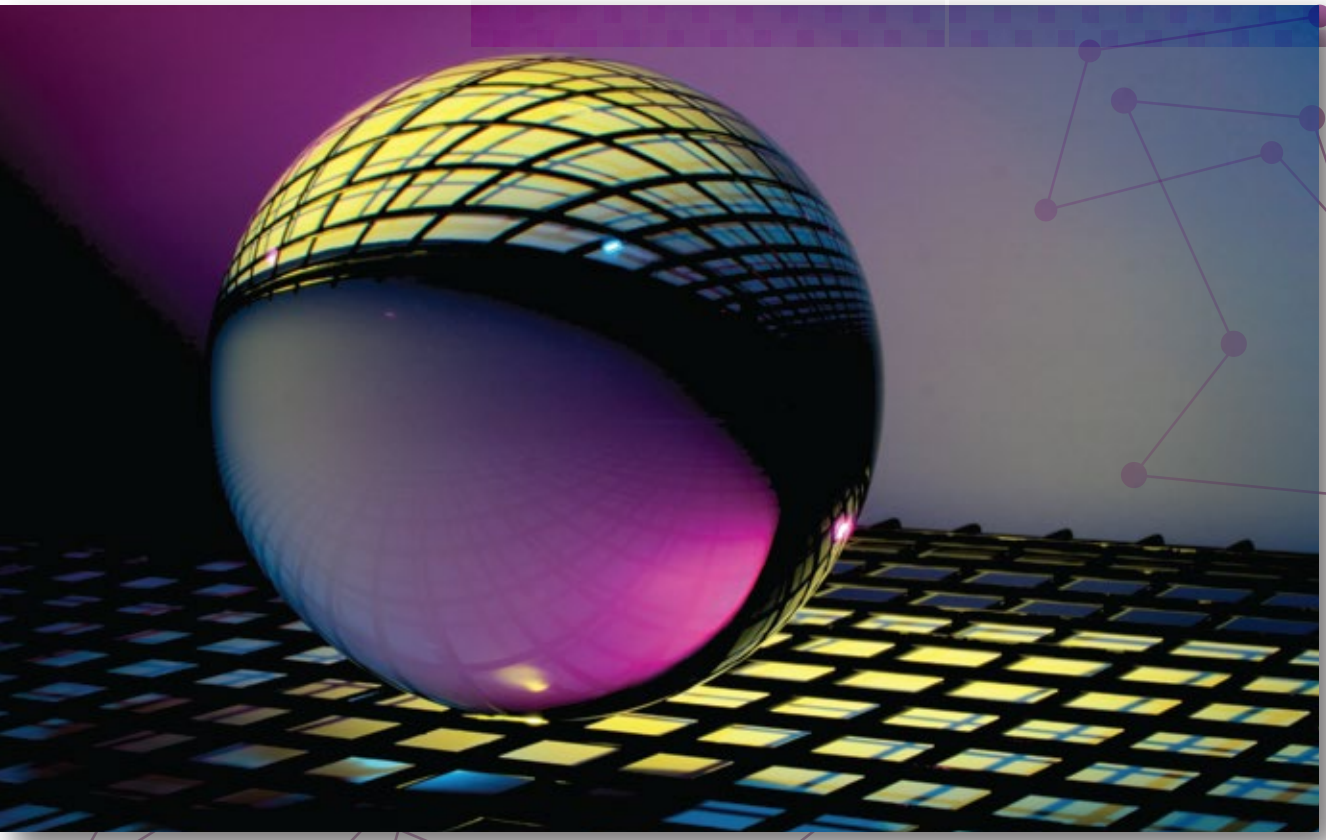

UK Degree
IT AND COMPUTING
Year 1 (Level 4) & Year 2 (Level 5)

Flexible Way of Study at Your Own Pace

Easy Access from Anywhere and Anytime

Complete A Recognized UK degree from Home

The program is designed to advance the knowledge of information technology and the application of IT for the learners. The program will support learners in acquiring crucial skills to adapt to today's computing professionals.

This is a 240 credits course designed for students to progress to the final year of studies in an associated Undergraduate degree in IT and Computing. Students can either choose to complete the final year at a UK university on campus or via distance learning.

UK Degree program can be completed 100% study through online.

Year 1 (Level 4 IT and Computing) which is equivalent to the first year of a University Degree, consist of 120 credits, has 10 modules and associated multiple assessments.

Year 2 (Level 5 IT and Computing) which is equivalent to the second year of a University Degree, consist of 120 credits, has 10 modules and associated multiple assessments.

Year 3 Complete the final year to get a BSc (Hons) degree from study at one of the universities in UK on side or through flexible way of online study

AXISMATICS
Professional Institute

a. Intakes of the year

January and September

b. Fees

Students can choose to make payment by using one of the following methods:

- Credit/Debit Card
- Bank Transfer
- Interest free monthly installment
- For more information, please whatsapp to 018-3884358 or email to info@axismatics.edu.my

c. Fees inclusive of:

- All course materials, including online modules and written assignments.
- Access to the learning management system
- Tutor support for synchronous learning sessions.
- Assignment assessment and feedback.

d. Entry requirement:

Compulsory in one of the following

- UEC 5B (including Mathematics) or equivalent
- Pre U / Foundation/ STPM / Matriculation / AUSMAT: Passed with a minimum of CGPA 2.0 or an average of 60% and above
- A Level - Minimum EE, including Mathematics

Optional

- English language proficiency: TOEFL 530 / IELTS 5.5 / MUET Band 3.0

e. Year 1 (Level 4) module listing:

Computer Systems and Software

This module will develop learners' understanding of the integration of hardware and software components.

Computer Programming

Learners will use different tools and techniques to design, implement and test programs, following the system life cycle.

Relational Database Systems

This unit will develop learners' understanding of database systems and data analysis and modelling.

Software Engineering

Leaners will gain an understanding of the need for Software Engineering and the different methods and techniques.

Systems Analysis and Design

This module provides an understanding of IS concepts and how they relate to organisation needs in respect of business processes and transformation of information.

E- Commerce Applications

This module explores the role of e-commerce in the modern world and in particular the identification of aims and objectives within a business and the design issues arising from the definition of requirements.

Human Computer Interaction

This module will develop students understanding of principles and models of human computer interaction and evaluate existing HCI design and principles and use this to help them plan their own prototype multimedia user interface.

IT and Society

This module examines the impact of technology on society and explores trends and changes created. It will examine management issues and potential conflicts in terms of security and data management.

Information Systems Project Management

This module explores elements of project management key to successful development and implementation of specific IT projects.

Management Information Systems

This module focuses on understanding concepts of information systems and how they support business needs in terms of information processing and data processing.

f. Year 2 (Level 5) module listing:

Innovative Technologies in Computing
This module looks at innovative trends and disruptive advances taking place and examines the new generation of skills and knowledge that will be required to work successfully in the sector.

Computing Research Methods
This module will explore the knowledge and skills required to undertake research in this field and the qualitative and quantitative approaches required including use of literature and design of research proposals.

Software Development Methodologies
This module looks at the role of systems engineering in development of software and various models of data, software and processes using modelling approaches.

Managing a Computing Project
Learners will find out about different project management tools and techniques that can be used when managing a computing project.

Strategic Management Information Systems
This module is concerned with developing an understanding of the strategic role of MIS within the organisation and how it impacts on the broader objectives and strategy of the business.

Ethical, Legal and Professional Issues in IT
This module explores current issues in the IT sector and how these may impact on areas of security, confidentiality, privacy and the law.

Network Design
This module explores the principles of networks and network design and implementation and support of network systems.

Web Based Development
This module will explore the design, deployment and management of virtualization and explore its commercial and potential impact.

Cyber Security
This module will enable an understanding of the importance of digital security to business, to understand industry standards of digital security and be able to recommend improvements in security.

Database Design and Development
Learners will extend their understanding of database design and development. They will research database management systems and will design and implement a complex database.

g. List of written assignment:

Each module of learning material required of an approximately average of 40 guided learning hours of study. On completion of the module, each student will be given an MCQ questionnaire. This is to let the student to review themselves on the understanding of the syllabus of the module.

Students need to complete 10 written assignments at each level. We recommended a word count between 5,000-8,000 words for each assignment. Credits are awarded upon the successful completion of an assignment, accumulating to the 120 required to pass each level. Student will receive a certificate per level. The two certificates equate to the 240 credit for the whole course.

The assignment unit titles for the Year 1 (level 4):

1. Management information systems
2. IT and society
3. Computer systems and software
4. Computer programming
5. Relational database systems
6. Software engineering
7. Systems analysis and design
8. E-commerce applications
9. Human computer interactions
10. Information systems theory

The assignment unit for the Year 2 (Level 5)

1. Ethical, legal and regulatory issues and professional responsibilities in IT
2. Network design
3. Web based development
4. Database design and development
5. Relational database systems
6. Innovative technologies in computing
7. Computer research methods
8. Managing a computing project
9. Software development methodologies
10. Strategic management information systems

h. Mode of study

Each student will be given a unique code to access to the learning materials online through a specific portal. Student can access to the learning portal at any time and at anywhere provided with a good internet connection.

i. University Degree Top Up – Final Year

Upon successful completion of the 240 credits, you can choose to top up your undergraduate degree through an accredited UK university in UK campus or via online /distance learning. The fees and cost of finishing the degree on campus will vary depending on which university a student choose.

For university degree top up –Final year, you have options to choose some of the universities below:

University of Derby
Southampton Solent University
University of Central Lancashire
Middlesex University

j. Career Path

Upon completion of the IT and Computing degree, a graduate could venture themselves into the programming, systems analysis, software development. IT support engineers, network engineers, systems administrators and IT teachers, network and security professionals, web and software developers.

Axismatics Professional Institute DK118(W)

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