



COMPUTING & INFORMATION TECHNOLOGY

Certificate in Business Information Technology • Diploma in Computer Systems Technology
BSc (Hons) Digital Business



COMPUTING & INFORMATION TECHNOLOGY

Technological progress is the driving force behind economic growth, citizen engagement and job creation. Information and Communication Technology (ICT) in particular is reshaping many aspects of the world's economy and society at large. Businesses can harness the transformative power of ICT to provide more efficient services, catalyst economic growth and strengthen social network.

SENTRAL College Penang is committed to continuously improve the delivery of ICT to equip students to be literate lifelong learners and global citizens of the 21st century.



University of
Salford
MANCHESTER

University of Salford
United Kingdom

The University of Salford, Manchester has over 100 years of history and experience from its humble beginning in the 19th Century during the great Industrial Revolution.

The University College Salford and the University of Salford finally merged into a single institution in 1996 – exactly 100 years after the formation of the original Royal Technical Institute.

Today the University has a successful global presence and a turnover of £189m. With the total of 7 schools, 20,000 students and 2,500 staff the University serves the needs of industry, commerce and education.





ONLINE COMPUTER ROOMS

As technology continues to expand, the College offers well-equipped networked computer laboratories on the IT floor for all its IT related subjects.

The smaller labs accommodate 20 terminals at minimum while larger labs accommodate up to 42 terminals.



SENTRAL Tower



OPEN-LAB

The College aims to provide a service that fully supports its students in their studies.

The Open Lab at Level 11 is freely accessible to students to conduct their research, write assignments and discuss and complete projects.



INTERACTIVE ROOM

The 30 seats Interactive Room provides an excellent setting for business meetings, conferences, group discussion, presentations and corporate retreats. It is equipped with LCD projector, sound system, WiFi, networking capability, whiteboard and conference-style sitting arrangement.

PARTNERSHIP WITH WORLD CLASS COMPANIES

The Product Realization Company



THEATRE ROOM

The Theatre Room 1 at Level 9 seats 38 in comfort while Theatre Room 2 at Level 11 has 30 seats. Each Theater Room is equipped with LCD projector, motorize screen, sound system, dimmer switch and power outlet at every seat.

CERTIFICATE IN BUSINESS INFORMATION TECHNOLOGY

Awarded by
SENTRAL COLLEGE PENANG

JPT/BPP(FA2666)03/23

Gain a new set of insights and competencies in the dynamic world of IT and business!

The development and rapidly-changing business world require multi-talented professionals in its management and information systems departments. In the wake of globalization, organisations are fast automating their business processes and systems. In meeting those demands, the Certificate equips you with the fundamental knowledge on IT and Business as well as IT in Business; essentially leading the way to nurture you into an array of innovative professions in the Business and IT industries.

This certificate equips you with a good foundation in IT and relevant knowledge and skills in business studies. Its broad curriculum covers updated IT knowledge which is tested through practical assessments in class. This certificate is a good stepping stone for one to pursue his/her diploma studies and eventually move on to degree.

PROGRAMME STRUCTURE

- Bahasa Kebangsaan A/B
- Pendidikan Moral/ Pengajian Islam
- Pengajian Malaysia
- Basic English
- Mathematics
- Computer Applications Skills
- Basic Economics
- Basic Statistics
- Personal Development and Leadership
- Fundamentals of Business and Management
- Introduction to Computer Systems
- Business Accounting
- Communication Skills
- Marketing Essentials
- Desktop Publishing
- Introduction to Management Accounting
- Website Development
- Introduction to Organizational Behaviour
- Introduction to Database
- Introduction to Programming
- Community Service

ENTRY REQUIREMENTS

- Pass SPM/SPMV/O-Level with a minimum of 1 credit and a pass in Mathematics; or
- Pass UEC with at least grade B in 1 subject and a pass in Mathematics; or
- Other equivalent qualification recognized by Malaysian Government

STUDY PATHWAY/ CAREER OPPORTUNITIES

Graduates can progress into any related Diploma programmes such as the Diploma in Business Studies, Diploma in Computer Systems Technology and Diploma in Accounting offered at SENTRAL. They can also pursue any related Diploma programmes offered by Malaysian, Australian and UK universities or colleges.

For those who are keen to embark on their careers, they can consider joining the following functions or field of work:

- Finance and Banking
- Hotel and Hospitality
- Administration / management
- Production / operations
- Supply Chain / Warehousing
- Retailing / Merchandising
- IT Technical Support / Technician
- Marketing and Promotions
- Legal Administration

DURATION

- 1 Year 5 Months

INTAKES

- January
- April
- June
- September
- November

DIPLOMA IN COMPUTER SYSTEMS TECHNOLOGY

Awarded by
CENTRAL COLLEGE PENANG

JPT/BPP(FA2665)03/23

With the growth in today's business world and handling of data, it has become more vital for one to possess sound knowledge of IT. This Diploma not only provides you an extensive competence in the world of computer science and IT, but it also develops your critical thinking, problem solving and communication skills, hence enhancing your ability to provide effective and efficient Computing and IT services and solutions to various organisations across varied industries.

The versatility of skills acquired from the Diploma has enabled our students to move onto careers in the world of IT. Our history and track record will testify that our graduates have either gained employment in reputable organizations and MNCs or have used this qualification as advanced entry into the second year of relevant Bachelor's degree programme.

PROGRAMME STRUCTURE

- Computer Applications
- Computer System Fundamentals
- Introduction to Programming
- Academic English
- Bahasa Kebangsaan A/ Etika Professional
- Calculus and Algebra
- Introduction to Multimedia
- Human Computer Interaction
- Database Management System
- Windows Operating System
- Object Oriented Programming
- Pengajian Malaysia
- System Analysis & Design
- Enterprise Application Development
- Data Structures & Algorithms
- Elective 1
- Web Design
- Introduction to Networking
- Linux Operating System
- Project Management
- Web Development
- Elective 2
- Final Project
- Community Service
- Fundamental of Life Long Learning
- Practical Training

DURATION

- 2 Years 4 Months

ENTRY REQUIREMENTS

- Passed SPM/SPMV/O-Level with a minimum of 3 credits including Mathematics; or
- Passed UEC with at least a grade B in 3 subjects including Mathematics; or
- Sijil Kemahiran Malaysia (Level 3) or its equivalent; or
- MOE/MQA Recognized Certificate in a related field, or other equivalent qualifications

ELECTIVE MODULES

- Elective 1 Information Assurance & Security
- Elective 2 Introduction to Mobile Programming
- Elective 3 Introduction to E-Commerce

**Students are required to choose 2 from the 3 elective subjects above*

INTAKES

- January
- April
- June
- September
- November

STUDY PATHWAY/ CAREER OPPORTUNITIES

Graduates can progress into the second year of a 3+0 degree programme currently offered at SENTRAL or any other relevant degree programme in Malaysian, Australian or UK universities.

Employment opportunities are abundant in government or private organizations in the following fields or area:

- Enterprise Application Programmer
- IT Officer
- Enterprise Web Developer
- Technical Support Assistant
- Database Administrator
- System Administrator
- Network Engineer
- Project Manager

BSc (HONS) DIGITAL BUSINESS



University of
Salford
MANCHESTER

Awarded by
UNIVERSITY OF SALFORD, UK

JPT/BPP(FA7537)01/21

The BSc (HONS) Digital Business has been carefully designed in collaboration between our expert course leaders and an impressive collection of partners in business, industry and the public sector. You will learn about the management of information in organizations by understanding systems concepts, communications and information technologies. You will also develop a detailed understanding of the relationships between business organizations, information and technology, and how individuals and groups operate within an organization.

The 4-month internship in the final year will give you the opportunity to apply the skills, knowledge and understanding you have gained throughout the programme.

PROGRAMME STRUCTURE

YEAR 1

- Hubungan Etnik
- Academic English
- Digital and Business Skills
- Information Systems
- Multi-level Project (Novice)
- Data Analysis for Business
- Database Management System
- TITAS
- Principles of System Development
- Foundation in Computer Systems
- Networking & Data Communications

YEAR 2

- Critical Thinking
- Intercultural Management
- Legal Aspects of Business
- Multi-level Project (Intermediate)
- Business System Modelling
- Professional Development
- Environmental Management
- Elective 1
- Mobile Application Development
- Project management

YEAR 3

- Socio-Economic Engagement
- Multi-level Project (Consultation)
- Digital Consultancy
- Business Ethics & Sustainability
- Elective 2
- Technology Innovation
- Business Innovation with Digital Technology
- Strategic Management
- Elective 3
- Industrial Training

ELECTIVE SUBJECT CLUSTER

Marketing

- Psychology of Marketing
- Strategic Brand Management
- Integrated Marketing Communication

Enterprise System

- Enterprise Resource Planning
- Business Intelligence
- Strategic IS Management

Human Resource

- Training & Development
- Safety & Health Administration
- Employment & Industrial Relation

Finance

- Computerized Accounting
- Financial Markets and Institutions
- Financial Statement Analysis

ENTRY REQUIREMENTS

Credit in Mathematics in SPM AND Any one of the following:

- 2 Cs (CGPA 2.00) in STPM; or
- 2Cs in A-level including Mathematics & English; or
- 5 Bs (including Mathematics) in UEC; or
- Diploma (Level 4 KKM) in Computing (CGPA 2.50).
Candidates with CGPA below 2.50 but above 2.00 with credit in Mathematics in SPM can be admitted subject to stringent internal evaluation; or
- Diploma (Level 4 KKM) in other fields (CGPA 2.50); or
- Matriculation / Foundation (CGPA 2.00); or
- Other equivalent qualification recognized by the Malaysian Government

CAREER OPPORTUNITIES

- IT Consultant
- Business Procurement
- Business Analyst
- System Analyst
- Education
- Product Development Executive
- UI (User Interface) Designer
- UX (User Experience) Designer

INTAKES

- January
- June
- September

SENTRAL Scholarships

The scholarships awarded purely on academic merits. The students put in a form with the supporting documents to attest to their academic achievements. These scholarships are applicable for selected SENTRAL College Penang programmes.

Diploma Programmes:

SPM	Entitlement
9A's / Above	100% Tuition Fee Waiver
8A's	50% Tuition Fee Waiver
7A's	40% Tuition Fee Waiver
6A's	30% Tuition Fee Waiver
5A's	15% Tuition Fee Waiver
4A's	15% Tuition Fee Waiver

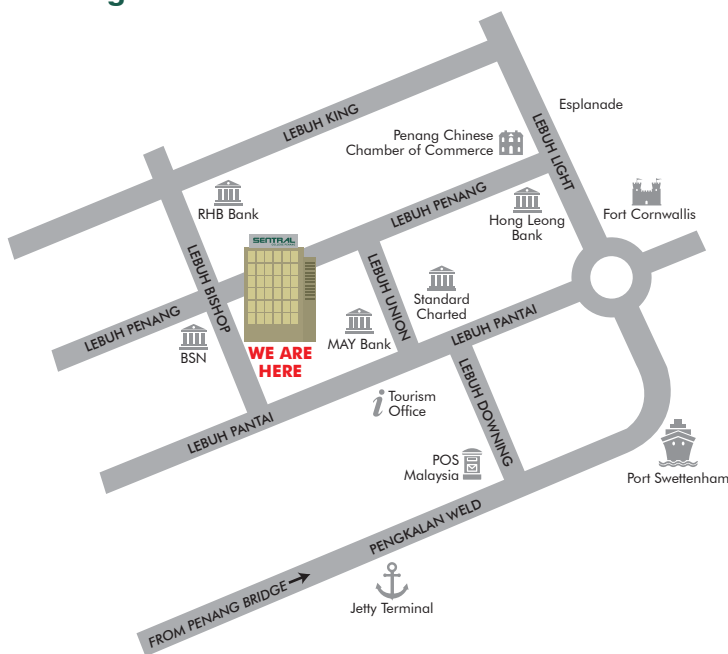
**Terms and conditions apply/ Subject to change without prior notice*

Degree Programmes:

Diploma/ STPM	A-Levels/ UEC	Entitlement
CGPA \geq 3.50	2A's	30% Tuition Fee Waiver
CGPA \geq 3.00	1A	20% Tuition Fee Waiver

**Terms and conditions apply/ Subject to change without prior notice*

College Location



Recognition of Distinction:



Member of Study Penang:



A College Certified by:



SENTRAL

COLLEGE PENANG

SENTRAL COLLEGE PENANG DK197(P)
Menara SENTRAL, 3 Penang Street,
10200 Penang.

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☎ 0111 0937 968

🌐 sentral.edu.my
📍 SENTRAL College Penang

Opening Hours

Monday - Friday:
9:00 a.m. - 7:00 p.m.
Saturday:
9:00 a.m. - 5:00 p.m.
Sunday :
10:00 a.m. - 4:00 p.m.

**Closed on Public Holidays*