DISTED COLLEGE
DK187(P)

Computing & IT

DISTED Pulau Pinang Sdn Bhd
199701020079 (435576-U) DK187(P)
340, Macalister Road, 10450, George Town, Penang

MyQUEST
MALAYSIAN QUALITY EVALUATION SYSTEM
MyQUEST 2022
COMPETITIVE
(Kategori Berdaya Saing)

+604-229 6579 +6011-3390 4971 disted.edu.my

Effective Date: 22/12/2025

Diploma in
Information Technology

KPT/JPT (R3/0611/4/0127) 12/29 (A10212)

Build your future in tech with DISTED's Diploma in Information Technology, designed to equip you with essential digital skills for today's world. You'll learn programming languages such as Python, Java, HTML, CSS, PHP, JavaScript, and SQL, along with practical knowledge in networking, databases, cloud computing, cybersecurity, and UX design. The programme also introduces modern AI tools like Microsoft Copilot, GitHub Copilot, Figma AI, and Canva AI to enhance creativity and productivity. Through hands-on projects and internship training, you'll gain real-world experience and be prepared for careers in software development, IT support, cybersecurity, cloud services, and web development, or continue to a degree pathway.

MIN. ENTRY REQUIREMENTS

- **SPM**
  - At least three (3) credits in any subjects, including Mathematics (or equivalent qualification) or
- **STPM**
  - Min. Grade C (GP 2.00) in a subject, and a credit in Mathematics at the SPM level (or equivalent) or
- **UEC**
  - 3 credits (Grade B) including Mathemathics or
- **STAM**
  - Minimum grade of Maqbul (Pass), and a credit in Mathematics at the SPM level (or equivalent) or
- **SKM Level 3**
  - Plus a credit in Mathematics (SPM or equivalent) or
- **Certificate** (Level 3, MQF)
  - In a related field, with at least a CGPA of 2.00
- Other Qualifications: Recognised by the Malaysian Government.

- Additional Notes:
  - Candidates who passed Mathematics in SPM (or equivalent) can be admitted if their certificate program includes equivalent Math subjects.
  - Candidates who passed Mathematics in SPM but lack a related certificate must take a reinforcement Math subject at the start of their studies.
  - Candidates with a credit in a computing-related subject in SPM (or equivalent) may be given preference.

WHY JOIN US

- Get AI-Ready with Pearson! - Boost your future with the Pearson IT Specialist Certification in Artificial Intelligence. Learn real-world AI skills employers want. (T&Cs apply) Pearson
- Comprehensive curriculum – Learn coding, networking, databases, cloud computing, and cybersecurity
- Stackable Learning Pathway - Each micro credential is credit-bearing and can be stacked toward the full Diploma in Information Technology, allowing flexible, step-by-step progression
- High-end computer labs with the latest tech and tools
- Experienced lecturers dedicated to student's success
- Strong industry collaboration for internships and career exposure

PROGRAMME STRUCTURE

Foundation in Computing
- Introduction to Programming
- Web Technologies

Data and System Design
- Systems Analysis and Design
- Database Organisation and Design
- System Paradigms

Hardware and Software Fundamentals:
- Introduction to Operating Systems
- Software Fundamentals
- Computer Architecture
- Introduction to Data Communication and Networking

Emerging IT Trends and Applications
- Cloud Computing Fundamentals
- Cybersecurity Fundamentals
- Integrated System Technology
- Advanced Networking

User Experience and Development Practices
- User Experience Design
- Integrated Software Development Workshop or Technopreneurship & Innovation

Computational Thinking and Analytical Foundations
- Algebra and Introductory Calculus
- Discrete Structures
- Probability and Statistics

Soft Skills and Ethics
- Academic English
- Ethics in Computing

Capstone and Experiential Learning
- Project
- Industrial Training

Skills for a Sustainable Future (MPU)
- AI fundamentals for the Digital Age (OR) Bahasa Kebangsaan A
- Philosophy and Current Issues (Local) (OR) Bahasa Melayu Komunikasi 1 (International)
- Khidmat Masyarakat dan Ko-Kurikulum
- Integrity and Anti-Corruption Course

Supplementary AI Programme using Pearsons CertPrep courseware*
- IT Specialist Artificial Intelligence*

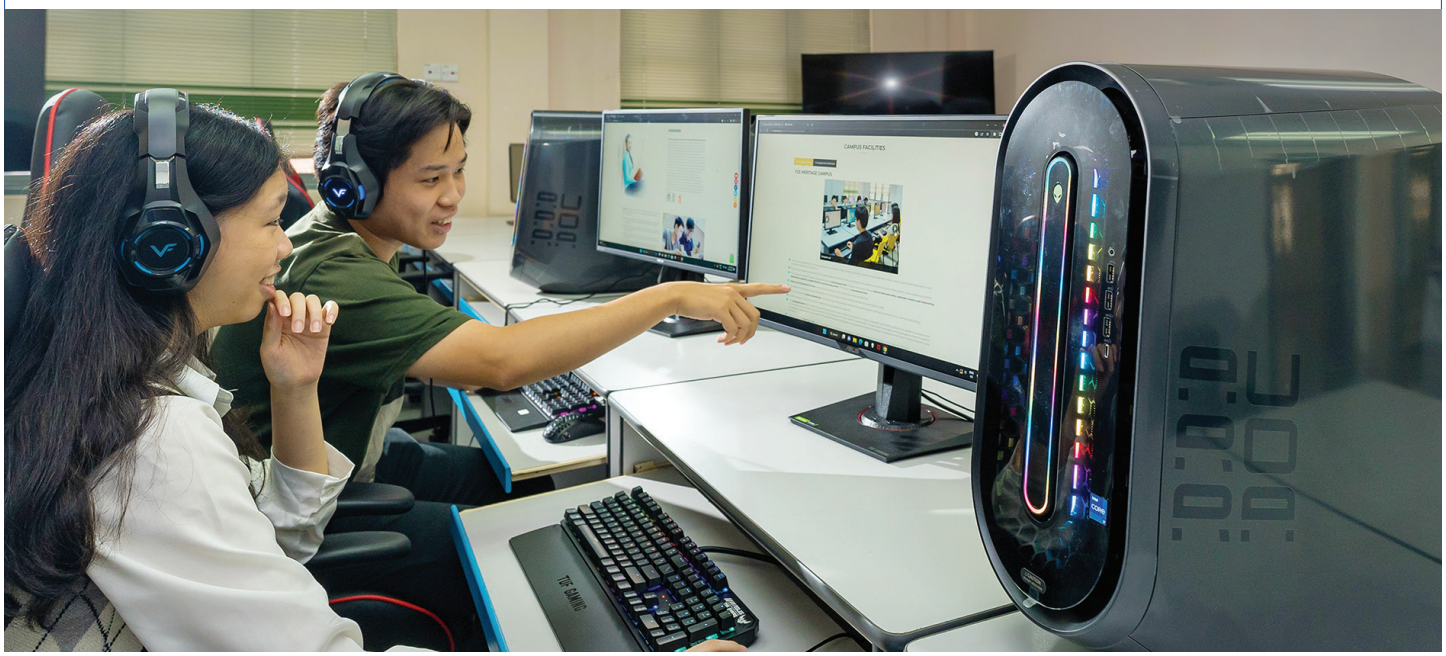
*T&C apply

PATHWAY AFTER COMPLETION

Bachelor in Information Technology (Data Analytics) (Honours)
in Collaboration with HELP University
KPT/JPT (N/0611/6/0106) 12/29 (MQA/PA17270)

or **Selected Universities in Malaysia and Globally**

or **Fast Track to Career**



Diploma in
Computer Science

KPT/JPT(R3/0613/4/0041) 08/29 (A10211)

Looking to start a career in tech? DISTED's Diploma in Computer Science gives you a strong foundation in programming and software development. You'll learn popular coding languages like Python, Java, HTML, CSS, PHP, JavaScript, SQL, and C++, and gain hands-on experience with tools used in the industry such as Visual Studio Code, Cisco Packet Tracer, and XAMPP. You'll also explore modern AI platforms like Microsoft Copilot, GitHub Copilot ,TensorFlow, and Google Colab to enhance your coding and design skills. With real-world projects and an internship included, you'll graduate ready for jobs or further studies. As technology grows, companies need skilled professionals in software, AI, cybersecurity, and cloud computing. At DISTED, you'll build problem-solving, logical thinking, and ethical decision-making skills, qualities that AI can support but never replace.

MIN. ENTRY REQUIREMENTS

- **SPM**
  - At least three (3) credits in any subjects, including Mathematics (or equivalent qualification) or
- **STPM**
  - Min. Grade C (GP 2.00) in a subject, and a credit in Mathematics at the SPM level (or equivalent) or
- **UEC**
  - 3 credits (Grade B) including Mathemathics or
- **STAM**
  - Minimum grade of Maqbul (Pass), and a credit in Mathematics at the SPM level (or equivalent) or
- **SKM Level 3**
  - In a related field. Candidates without Mathematics may be admitted after an assessment to confirm their equivalent Mathematics competency or
- **Certificate** (Level 3, MQF)
  - In a related field, with at least a CGPA of 2.00
- Other Qualifications: Recognised by the Malaysian Government. Candidates must have Mathematics equivalent to SPM level. Those without a pass in Mathematics at SPM (or equivalent) will need to take and pass a reinforcement Mathematics subject, which must be completed in the first semester or before the unconditional offer.

WHY JOIN US

- Get AI-Ready with Pearson! - Boost your future with the Pearson IT Specialist Certification in Artificial Intelligence . Learn real-world AI skills employers want. (T&Cs apply) Pearson
- Comprehensive curriculum: Learn everything from coding, AI, cybersecurity, and software development — all in one program
- Stackable Learning Pathway -Each micro credential is credit-bearing and can be stacked toward the full Diploma in Computer Science, allowing flexible, step-by-step progression
- High-end computer labs with the latest tech and tools
- Experienced lecturers dedicated to students success
- Strong industry collaboration for internships and career exposure

PROGRAMME STRUCTURE

Foundation in Computing
- Introduction to Information Technology & Information Systems
- Introduction to Programming
- Web Technologies

Data and System Design
- Data Structures & Algorithms
- Systems Analysis and Design
- Database Organisation and Design

Hardware and Software Fundamentals:
- Introduction to Operating Systems
- Computer Architecture
- Introduction to Data Communication and Networking

Advanced Computing Topics
- Object-Oriented Development
- Parallel & Distributed Systems
- Introduction to Intelligent Systems
- Cybersecurity Fundamentals

User Experience and Development Practices
- Human-Computer Interaction
- Integrated Software Development Workshop

Computational Thinking and Analytical Foundations
- Algebra and Introductory Calculus
- Discrete Structures
- Probability and Statistics

Soft Skills and Ethics
- Academic English
- Ethics in Computing
- Technopreneurship & Innovation (OR) E-Commerce Strategy

Capstone and Experiential Learning
- Project
- Industrial Training

Skills for a Sustainable Future (MPU)
- AI fundaments for the Digital Age (OR) Bahasa Kebangsaan A
- Philosophy and Current Issues (Local) (OR) Bahasa Melayu Komunikasi 1 (International)
- Khidmat Masyarakat dan Ko-Kurikulum
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or **Selected Universities in Malaysia and Globally**

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Bachelor in

Information Technology (Data Analytics) (Honours)

in Collaboration with HELP University

HELP University
university of achievers
DU028(W)

KPT/JPT (N/0611/6/0106) 12/29 (MQA/PA17270)

Step into the future of tech with DISTED's Bachelor in IT (Data Analytics), offered in collaboration with HELP University. This programme combines DISTED's personalised learning environment with HELP's expertise in IT and analytics. You'll gain in-demand skills in data analytics, AI, machine learning, big data, and cloud computing, preparing you for high-growth careers. Learn to use powerful tools like SAS Viya, Power BI, Tableau and Oracle VirtualBox, while enhancing your productivity with AI platforms such as Figma AI, Lucidchart AI, KNIME, and Notebook LM. Through real-world projects, a final year capstone, and a 3-month internship, you'll graduate with practical experience and industry readiness. You'll also develop startup and project management skills to prepare for leadership roles. With HELP University's strong reputation and industry connections, this degree opens doors to global career opportunities in data-driven fields.

WITH THESE SKILLS, YOU CAN EXPLORE EXCITING CAREERS AS A:

- Data Analyst
- Systems Analys
- Data Scientis
- Data Engineer

You'll learn how to help businesses make smart decisions, solve problems, and use data to gain an edge over competitors.

MIN. ENTRY REQUIREMENTS

- **STPM** or its equivalent
  - Min. pass in grade of C (CGPA 2.00) in any TWO (2) subjects or any equivalent qualification and a credit in Mathematics at SPM level or its equivalent; OR
- **A-Level**
  - Min. 2Cs and a credit in Mathematics at SPM/ O Level; OR
- **SACEi**
  - ATAR 50 and a credit in Mathematics at SPM Level or its equivalent; OR
- **Sijil Tinggi Agama Malaysia (STAM)**
  - Min. pass in grade of Jayyid in any TWO (2) subjects (including a credit in Mathematics at SPM level or its equivalent); OR
- **Matriculation or Foundation**
  - Min. CGPA of 2.00 and a credit in Mathematics at SPM level or its equivalent; OR

  Diploma in Computing (Level 4, MQF) or equivalent *
  - Min. CGPA of 2.50
- **Any Diploma in Science and Technology** (Level 4, MQF)*
  - Min. CGPA of 2.75 OR
- **Diploma Kemahiran Malaysia (DKM) / Diploma Vokasional Malaysia (DVM) in Computing fields** *
  - Min. CGPA of 2.50 subjected to HEP Senate / Academic Board's approval; OR
- **Diploma Lanjutan Kemahiran Malaysia (DLKM)** in Computing fields *
  - Min. CGPA of 2.50 subjected to HEP Senate / Academic Board's approval;

Notes:

* Candidates for categories (iv) until (vii) with a CGPA below 2.75 but more than 2.00 may be admitted subject to a thorough internal evaluation process.

There are **no English requirements** for local students. For international students, the English requirements are listed as below:-
- IELTS 5.0
- MUET Band 3.5
- TOEFL Essentials (Online) 7.5
- TOEFL (Internet based) 40

WHY JOIN US

Step into the future of tech with DISTED's Bachelor in IT (Data Analytics), offered in collaboration with HELP University. This programme combines DISTED's personalised learning environment with HELP's expertise in IT and analytics. You'll gain in-demand skills in data analytics, AI, machine learning, big data, and cloud computing, preparing you for high-growth careers. Learn to use powerful tools like SAS Viya, Power BI, Tableau and Oracle VirtualBox, while enhancing your productivity with AI platforms such as Figma AI, Lucidchart AI, KNIME, and Notebook LM. Through real-world projects, a final year capstone, and a 3-month internship, you'll graduate with practical experience and industry readiness. You'll also develop startup and project management skills to prepare for leadership roles. With HELP University's strong reputation and industry connections, this degree opens doors to global career opportunities in data-driven fields.

WHY DISTED

- Dual Advantage: Get a DISTED degree with academic support and resources from HELP University, a recognized leader in IT and analytics education.
- Industry-Relevant Curriculum: Learn cutting-edge skills in data analytics, AI, machine learning, big data, and cloud computing.
- Hands-On Experience: Apply your knowledge through real-world projects, final year projects, and a 3-month industrial internship.
- Advanced Tools & Software: Gain practical experience with SAS Viya, Oracle VirtualBox, HDP Sandbox, Data Bricks, Power BI, Tableau, and GitHub Copilot.
- AI Integration: Use AI tools like Figma AI, Lucidchart AI, KNIME, Copilot, Gemini, and Notebook LM to enhance productivity and innovation.
- Startup & Entrepreneurship Skills: Learn startup ideation and project management to prepare for leadership roles.
- Global Recognition: Benefit from HELP University's strong reputation and industry connections for better career opportunities.

PROGRAMME STRUCTURE

Year 1

- Computer Architecture and Organisation
- Introduction to Database Systems
- Programming Fundamentals
- Web design and Development
- Analytics for Decision Making
- Applied Mathematical Studies (OR) Professional Communications for Business
- Object Oriented Programming
- Introduction to Operating Systems
- Data Communications and Networking
- Discrete Mathematics

Year 2

- Systems Architecture and Design
- User Experience Design
- Cloud Computing
- Technopreneurship and Innovation (OR) Multivariate calculus and Ordinary Differential Equations
- Software Engineering Principles
- Advanced Database Systems
- Data Mining and Visualisation
- Enterprise Data Infrastructure

Year 3

- IT Project Management
- Cybersecurity & Ethics
- Final Year Project I
- Big Data Technologies
- Industrial Internship (3 Months)
- Startup Ideation
- Final Year Project II
- Machine Learning and Artificial Intelligence

All courses listed above are under HELP University Curriculum structure

General Studies

1. Appreciation of Ethics and Civilisation OR Malay Language for Communication (International)
2. Philosophy and Contemporary Issues
3. National Language A (**) OR A* Gen Careers in Malaysia and Beyond OR Integrity and Anti -Corruption Course (***)
4. Co-Curriculum Event Management 2

University Core

- Discovering Oneself
- Engaging the World

* Local students to take both Appreciation of Ethics and Civilizations and Philosophy and Current Issues

** for Local students without a credit in SPM Bahasa Melayu

*** for students that have not taken Integrity and Anti-Corruption Course at Diploma level

PATHWAY AFTER COMPLETION

Master Degree Programme at HELP University
Other Partner University in Malaysia or Global

or

Career

COLLABORATION UNIVERSITY

HELP University
university of achievers

AWARDS & ACCREDITATIONS

MyQUEST 2022 COMPETITIVE

QUALITY MANAGEMENT ISO 9001 CERTIFIED

PTE ACADEMIC Official Test Centre
Pearson

ACADEMIC PARTNERS

Griffith University

University of Canterbury Te Whare Wānanga o Waitaha

RMIT University

Newcastle University Medicine Malaysia

RCSI & UCD Malaysia Campus

AIMST University

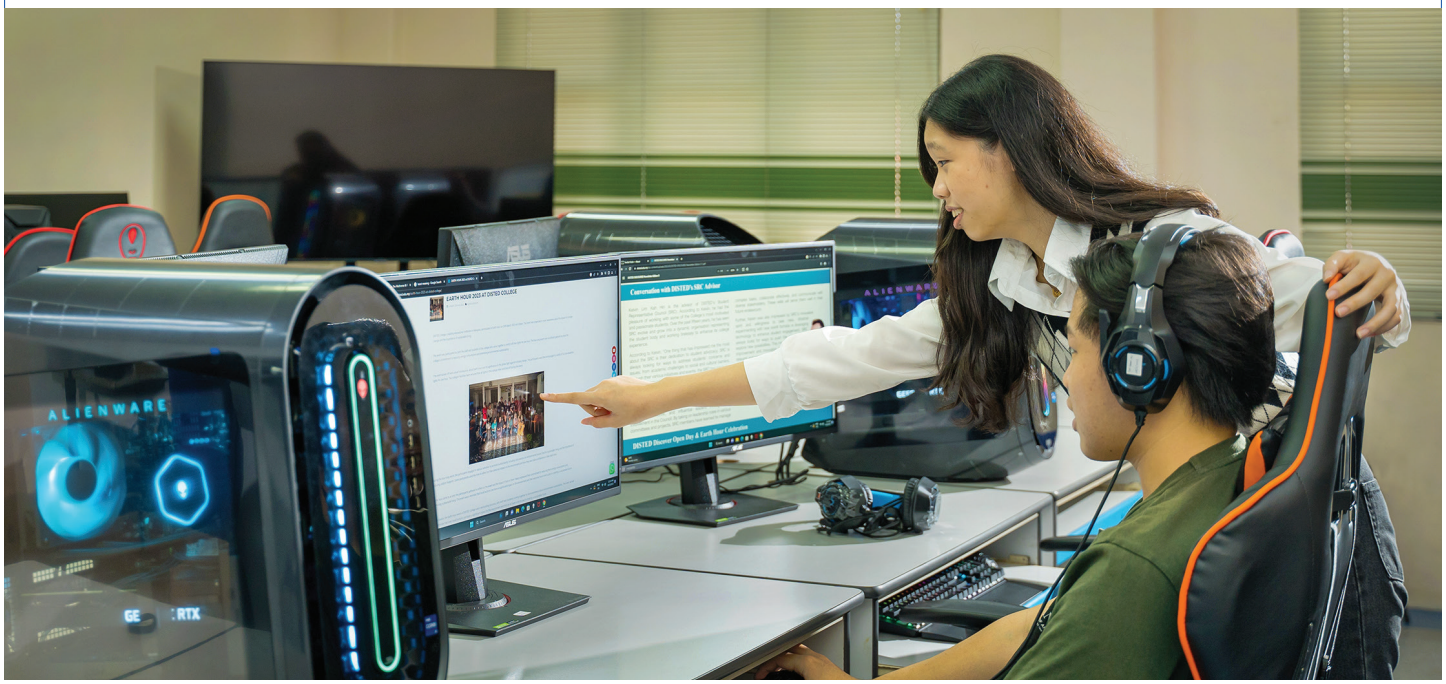
WOU Wawasan Open University

IMI International Management Institute Switzerland

University of Hertfordshire UH

UTAR Universiti Tunku Abdul Rahman

Discover your potential, Create your future

Since 1987

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