

Information Technology & Engineering Course Guide Book

Information Technology Management

Focuses on IT systems, project management, and business IT solutions. Careers: IT Manager, Project Manager.

Digital Business Management (Co-op)

Covers digital marketing, e-commerce, and business models. Careers: E-commerce Manager, Digital Marketer.

PG Diploma in Cyber Security

Focuses on network defense, hacking, and cloud protection. Careers: Cyber Security Specialist, Ethical Hacker.

Specialization in Data Protection in the Digital Society

Covers GDPR, data privacy, and governance. Careers: Data Protection Officer, Compliance Manager.

Advanced Diploma in Graphic Design and Web Development

Covers web dev, branding, UI/UX. Careers: Web Developer, Graphic Designer.

Postgraduate in Web UX/UI

Covers UX, UI design for apps and websites. Careers: UX Designer, Product Designer.

Computer Science Technology – Network Management

Covers networking, servers, cloud systems. Careers: Network Admin, Cloud Engineer.

Electronics Engineering Technology

Focuses on circuits, IoT, and embedded systems. Careers: Electronics Engineer, IoT Developer.

Library Information Technology

Covers digital archiving, data management. Careers: Info Officer, Archivist.

Information Systems Security

Covers cryptography, infosec, network defense. Careers: Security Analyst.

Software Engineering Technology – AI

AI, ML, data science, automation. Careers: AI Engineer, Data Scientist.

Game Programming

Game engines, 3D graphics, Unity/Unreal. Careers: Game Developer, AR/VR Specialist.

Health Informatics Technology

Healthcare IT, EHR, data analysis. Careers: Health Informatics Specialist.

Automation & Robotics

Robotics, automation, mechatronics. Careers: Robotics Technician.

Computing Technical Support

Hardware/software troubleshooting. Careers: IT Support.

Network and Computer Technology

LAN/WAN, server setup. Careers: Network Technician.

Cyber Security Analyst Practicum

Hands-on pentesting & defense. Careers: Security Analyst.

Network Technician

Installation, maintenance of networks. Careers: Network Technician.

Advanced Diploma in IT

Broad IT: software, networking, security. Careers: IT Specialist.

E&I; Engineering for Oil & Gas

Instrumentation, automation in oil & gas. Careers: E&I; Engineer.

Web Technology

Web development and CMS. Careers: Web Developer.

Environmental Technology

Green energy, sustainability. Careers: Environmental Engineer.

Cyber Security & Data Governance (Online)

Data governance, privacy, cyber defense. Careers: Consultant.

Diploma in Computing

Basics: programming, databases. Careers: Junior IT Technician.

Database Developer Analyst

SQL, Oracle, data systems. Careers: DBA, Data Analyst.

Machine Learning & AI

Deep learning, neural networks. Careers: ML Engineer.

Cyber Security & Data Governance

Combines cybersecurity & governance. Careers: Security Officer.