



Online

## Advanced Diploma in Information Technology

### Programme Description

The Advanced Diploma in Information Technology at the Central University of Technology is designed for aspiring and practising IT professionals who want to strengthen their technical expertise and broaden their career opportunities in a fast-evolving digital environment. The programme offers a strong applied focus on key areas such as information security, software development, software engineering and design, operating systems, database systems, and server administration. Combined with a structured research methodology and IT project component, it equips students with both the technical depth and problem-solving capability needed to address real industry challenges. Delivered with a practical, career-oriented approach, the programme prepares graduates to contribute confidently to modern IT environments and to take on more advanced technical responsibilities.

### You will learn

- Advanced principles and practices in information security to help protect systems, networks, and data.
- Software development techniques for building effective, reliable, and scalable digital solutions.
- How to design, develop, and manage databases and operating systems within complex IT environments.
- Practical server administration and systems management skills to support organisational infrastructure.
- Research, analytical, and project execution skills to investigate IT challenges and develop applied solutions.

### Overview

**SAQA ID:**  
111272

**Number of modules:**  
12

**Total credits:**  
138

**Mode of study:**  
Fully online

**Study duration:**  
2 years

**Module duration:**  
8 weeks (7 weeks of study  
and one-week break)

**How much time to  
commit per week:**  
12 to 15 hours a week

### Modules and Credits

Information Security 4	18
Software Development 4	18
Computer Server's Administration	18
Software Engineering and Design 4	18
Operating Systems 4	18
Database Systems 4	18
Research Methodology/IT Project 4 - Module A	5
Research Methodology/IT Project 4 - Module B	5
Research Methodology/IT Project 4 - Module C	5
Research Methodology/IT Project 4 - Module D	5
Research Methodology/IT Project 4- Module E	5
Research Methodology/IT Project 4- Module F	5

### Admission Requirements

**To apply for this qualification,  
a student must have:**

- A Diploma in Information Technology at NQF Level 6.

### Fees

To see a full breakdown of our fees, please visit our fees page below.

[Visit Our Fees Page](#)