

Faculty of Science and Engineering

Operational Technology (OT) Security

Part-Time Professional Diploma



NFQ Level 9 | 1 Year | Part-Time | Online Learning

Investing in operational technology security is more important than ever in our interconnected world. As we become increasingly connected globally, the risk of cyber attacks on industrial control systems and other critical infrastructure is rising.

This part-time online programme offers a robust grounding for integrating IT/OT technology, associated security issues, understanding the laws and regulations involved, and the potential risks to the organisation. It will enable those in organisational management to integrate systems effectively and reduce the risks associated with adopting Industry 4.0 standards. On completion, you'll be equipped with how to:

- Advise on network architectures and protocols for ICS in your company.
- Lead project teams to recommend security standards for ICS.
- Integrate ICS systems into IT systems using applicable standards.

EXPLORE THE MODULES:

- OT/ICS Networks and Protocols
- Cybersecurity Law & Regulations
- Secure OT/ICS Networks
- Log Files and Event Analysis
- Future Focused Professional Portfolio 1 & 2

THIS PROGRAMME IS FOR:

- Those in the NIST/NICE work role of Network Operations Specialist (OM-NET-001) Targeting OT Systems.
- Standard IT engineers, network engineers, back-end server engineers, IT administrators, managers with an interest in networking, engineers working Security Operations Centres (SOCs)
- Those who wish to pivot into a security role.

Take your curiosity one step further; find out more.

Operational Technology (OT) Security

Part-Time Professional Diploma

Level: NFQ Level 9

Duration: 1 Year

Part-Time

Type: Online Learning

Scan QR code to learn more...



ul.ie/gps/ulwork