

ELSEWEDY UNIVERSITY OF TECHNOLOGY

**INTRODUCES THE INTERNATIONAL POLYTECHNIC MODEL TO EGYPT,
BRIDGING THE GAP BETWEEN THEORY AND PRACTICE.**

Esewedy University of Technology is the first polytechnic university in Egypt that offers a 4-year bachelor's degree in Engineering Technology (B.Tech), in an integrated set of practical and theoretical learning. SU Tech-Polytechnic of Egypt is introducing leading international technologies and standards, preparing the Egyptian youth for leadership roles in the local and global markets.

NETWORK & CYBER SECURITY TECHNOLOGY PROGRAM

The Network and Cyber Security Technology Program equips students with the skills and knowledge to protect computer networks and systems from cyber-attacks. The program covers various security tools and techniques, legal and ethical issues, risk management, and incident response. It prepares students for cybersecurity jobs, such as network security analyst and security consultant, through a comprehensive curriculum and hands-on training.

GRADUATES OF THIS PROGRAM WILL HAVE A CAREER PATH IN →

- Network Technologist
- Computer/Application Programmer
- Network Security Architect
- Software Developer
- Network Security Analyst and Consultant
- Control and Network Administrator
- IT Security Engineer
- Network Security Manager
- Digital Forensic Expert
- Information Systems Analyst and Consultant

ELIGIBILITY *To Apply*

Thanaweya Amma and all equivalent certificates are eligible for SUT - Polytechnic of Egypt (IG - American Diploma - IB and more).

CONTACT US

INFO@SUT.EDU.EG
CALL US ON: 15755
KILO 51, CAIRO-ISMAILIA
DESERT ROAD

Apply Now



In collaboration with



NETWORK & *CYBER SECURITY* TECHNOLOGY



SCHOOL OF
ENGINEERING TECHNOLOGY

NETWORK & *CYBER SECURITY* TECHNOLOGY

Year 1

- CET111:** Introduction to Computer and Programming
- EPT111:** Computer Aided Engineering Drawing
- GEN111:** Applied Mathematics I
- HUM111:** English Language I
- HUM121:** Principles of Law, Human Rights & Ethics
- CET112:** Object Oriented Programming
- CET141:** Database Management Systems
- CET161:** Network Basics
- GEN122:** Principles of Physics
- HUMUE1:** University Elective I
- CET191:** CET Internship I

Year 2

- CET212:** Operating Systems
- CET214:** Web Programming
- CET231:** Cyber & Information Security
- CET264:** Advanced Computer Networks
- CET291:** CET Project I
- HUM231:** Presentation Skills and Technical Writing
- CET216:** Linux and Shell Programming
- CET232:** Web and Security Technologies
- CET333:** Digital Forensics Fundamentals
- CET126:** Network Operation and Management
- CET292:** CET Project II

Year 3

- CET321:** Internet of Things
- CET322:** Cloud Computing
- CET331:** Security Policy, Threats & Risk Management
- CET332:** Penetration Testing & Ethical Hacking
- GEN211:** Probability & Statistics
- HUMUE2:** University Elective II
- CET251:** Artificial Intelligence
- CET333:** Advanced Digital Forensics
- CET334:** Cryptographic Algorithms & Protocols
- CET326:** Routing & Switching
- HUM311:** English Language II
- CET391:** CET Internship II

Year 4

- CET211:** Computer Organization
- CET325:** NS Major Elective I
- CET341:** Software Security
- CET491:** CET Project III
- HUM431:** Project Management
- CET416:** DevOps
- CET435:** Network and Mobile Security
- CET436:** Information Security Management
- CET492:** CET Project IV
- CET425:** NS Major Elective II

PROGRAM ELECTIVE *Courses*

University Electives I and II

- HUM133:** Communication and Negotiation Skills
- HUM132:** Management and Leadership Skills
- HUM152:** History of Art & Architecture
- HUM151:** History of Engineering & Technology
- HUM153:** The Character of Egypt
- HUM154:** Arabic
- HUM112:** Safety
- HUM141:** Principles of Economics Innovation & Entrepreneurship
- HUM131:** Communication and Negotiation Skills
- HUM133:** Communication and Negotiation Skills
- HUM152:** History of Art & Architecture
- HUM151:** History of Engineering & Technology
- HUM153:** The Character of Egypt
- HUM154:** Arabic
- HUM112:** Safety

Major Electives I and II

- CET438:** Hardware Security Applications
- CET413:** Product Management
- CET432:** Database Security
- CET433:** Selected Topic in Network and Security I
- CET461:** Scaling and Connecting Networks
- CET434:** Cloud and IoT Security
- CET437:** Advanced Cryptographic Algorithms & Protocols
- CET439:** Selected Topic in Network and Security II

Academic *Labs*

- Logic Circuits Lab
- Computer Graphic Design & Simulation Lab
- Virtual Reality Lab
- Embedded Systems & IoT Lab
- Computer Networks & Its Security Lab
- High-Performance Computing Lab
- Big Data Lab
- Smart Robotics Lab

Follow us:



sutegypt



elsewedy university of
technology- polytechnic of Egypt



sut.edu.eg