

DEFINITIVE COURSE RECORD

Course Title	BSc (Hons) Digital & Technology Solutions (Network Engineering) [Degree Apprenticeship]
Awarding Body	University of Suffolk
Level of Award ¹	FHEQ Level 6
Professional, Statutory and Regulatory Bodies Recognition	Tech Skills
Credit Structure ²	360 Credits Level 4: 120 Credits Level 5: 120 Credits Level 6: 120 Credits
Mode of Attendance	Full-time
Standard Length of Course ³	4 Years
Intended Award	BSc (Hons) Digital & Technology Solutions (Network Engineering)
Named Exit Awards	CertHE Digital n. (t)-53Twork

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1. Express and employ detailed knowledge and systematic understanding of essential facts, concepts, principles and theories, both established and emergent, relating to cyber security for software, networks, and systems.
2. Express and employ detailed knowledge and systematic understanding of essential facts, concepts, principles and theories, both established and emergent, relating to advanced topics in network engineering.
3. Utilise knowledge and skills relating to cyber security to analyse, develop and deploy ethical “cyber attacks” for essential penetration testing of software, networks and systems, and to analyse, develop and deploy cyber defences in depth to protect software, networks, and systems, using both established and bleeding-edge techniques as appropriate.
4. Utilise knowledge and skills relating to advanced topics in network engineering to analyse, specify, develop and deploy technical solutions to appropriate problems, using both established and bleeding-edge techniques as appropriate.
5. Understand, describe, and comment upon the literature and cutting edge research in cyber security and specific areas of network engineering, and appreciate the

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12. Research, design, implement, test, utilise and document network solutions to address specific problems, using their knowledge, understanding and technical skills in network engineering.
13. Develop an understanding of a specialist subject or problem area to a level where they can effectively evaluate it, analyse possible solutions, design an appropriate solution and bring that solution to a successful conclusion in a defined time-frame, showing by doing so their capabilities and readiness for lifelong learning and professional training.
14. Evidence the qualities and transferable skills necessary for graduate-level employment requiring the exercising of initiative, personal responsibility, and decision making, through working individually and in groups on mini-projects, extended case studies and scenarios, and their major project.
15. Identify appropriate practices considering equality, diversity, and inclusion (EDI) as well as any economic, social, and environmental impact.

Course Design

The design of this course has been guided by the following QAA Benchmarks and Apprenticeship Standards:

- QAA Subject Benchmark in Computing (2022)
- Digital & Technology Solutions Professional apprenticeship standard (2023)

Course Structure

The BSc (Hons) Digital & Technology Solutions (Network Engineering) comprises modules at levels 4, 5 and 6.

Module Specifications for each of these modules are included within the course handbook, available to
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Level 5

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End Point Assessment

All learners on the course undertake an End Point Assessment (EPA) to complete their Digital & Technology Solutions Professional apprenticeship and learners will be expected to undertake the EPA as part of their degree. The EPA will be delivered by the University. The EPA will be 100% coursework (including project, dissertation and presentation). Following successful completion of the EPA learners will achieve their Digital & Technology Solutions

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