Cyber Security Pathway





Scarborough UTC is a member of the UTC Cyber Group

As a member of the UTC Cyber Group, we deliver a learning pathway that enables students to develop the technical skills and employability skills needed in the cyber security industry by working with our industry partners on projects, technical workshops, and briefings.

Our learning pathway provides students with access to online labs, professional qualifications, and crucially, practical experience with employers.

Year 10/11

| Course / Qualification | Subject | Activity |
|-----------------------------|---|---|
| OCR GCE Computer Science | Algorithms Systems Security Legislation | Immersive labs/Idea GCHQ Cryptography & Ethical hacking workshop Working with the Cyber Crime Prevention Unit presentations/workshops |
| Extracurricular | UTC (You To Code) Game Challenge | Mentored by Employer Partners |
| Extracurricular | Challenges | Cyber Discovery Cyber Centurion |

Year 12/13

| Course / Qualification | Subject | Activity |
|------------------------|------------------------|-----------------------------------|
| OCR A Level | Algorithms | Immersive Labs |
| Computer Science | Legislation | Working with Cyber Crime |
| | Networking | Prevention Unit |
| | | Ethical Hacking industry partner |
| | | workshops |
| OCR Cambridge | Cyber Security | Immersive Labs |
| Technical Level 3 | Computer Networks | Systems Security industry partner |
| | Internet of Everything | workshops |
| | | Ethical Hacking industry partner |
| | | workshops |
| Cyber EPQ | Cyber research project | Working with industry partners |
| | | |
| Extracurricular | Careers Development | Work with industry partners to |
| | Programme | develop technical / team skills |
| Extracurricular | Challenges | Cyber Discovery |
| | | Cyber Centurion |

Technical Excellence, Employable Graduates

Scarborough UTC applications are open for September 2020 – apply online at scarboroughutc.co.uk/apply





