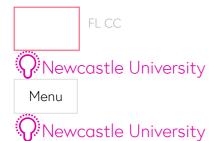
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Run: Cyber Security - 10 Sep 2018 / Course overview

Course overview

Cyber Security: Safety at Home, Online, in Life

| LIST VI | EW ST | TEP TYPES | Collapse all |
|---------|---|--|---------------|
| ^ | 1. Explor | ring personal privacy online (19 steps) | ⊘ Edit |
| ^ | Welcome! Let's get started | | |
| | 1.1 | Welcome to the course VIDEO (01:39) | |
| | 1.2 | Why are you here? DISCUSSION | |
| | 1.3 | What is privacy? ARTICLE | |
| | 1.4 | How concerned are you about privacy? EXERCISE | |
| | 1.5 | Privacy online and offline VIDEO (04:41) | |
| ^ | Our personal data: what value does it have to businesses? | | ⊘ Edit |
| | 1.6 | What value do businesses get from our personal data? ARTICLE | |
| | 1.7 | Personal risks arising from privacy breaches in business ARTICLE | |
| | 1.8 | How do privacy laws govern how companies do business? QUIZ | |

| ^ | What in | formation do we share? Should we be concerned? | |
|-----|-----------|---|--|
| | 1.9 | Find out about your digital footprint ARTICLE | |
| | 1.10 | Comparing your online profile with your privacy preferences DISCUSSION | |
| | 1.11 | Finding and understanding privacy policies DISCUSSION | |
| | 1.12 | How privacy needs can change over time ARTICLE | |
| | 1.13 | Exploring private browsing ARTICLE | |
| ^ | What's i | most valuable to hackers and criminals? | |
| | 1.14 | Why would anyone want your data? VIDEO (06:02) | |
| | 1.15 | Cumulative effects ARTICLE | |
| ^ | What do | o our experts think? | |
| | 1.16 | Usable privacy: a research perspective ARTICLE | |
| | 1.17 | Preserving privacy in cloud storage: privacy by design VIDEO (04:01) | |
| ^ | Roundin | g up the week | |
| | 1.18 | Recapping our exploration of privacy ARTICLE | |
| | 1.19 | Staying safe online: personal perspectives VIDEO (05:48) | |
| ^ 2 | 2. Online | payment security (23 steps) | |
| ^ | Welcom | e to payment security week | |
| | 2.1 | Welcome to Week 2: payment security VIDEO (00:37) | |
| | 2.2 | How payments have changed ARTICLE | |
| | 2.3 | Your chance to explore payment changes EXERCISE | |
| ^ | | fraudsters adapt to new payment technologies and changes in t security? | |
| | 2.4 | The evolving arms race of payment security VIDEO (07:06) | |
| | | | |

| | 2.5 | Usability vs security: who pays for fraud? ARTICLE | |
|---|----------|---|---------------|
| | 2.6 | What is it like in your country? DISCUSSION | |
| | 2.7 | Risk and reward ARTICLE | |
| | 2.8 | What is the true cost of financial fraud in the UK? QUIZ | ⊘ Edit |
| ^ | Business | s perspectives | |
| | 2.9 | Many fingers in the pie ARTICLE | |
| | 2.10 | The online retailer ARTICLE | |
| | 2.11 | Exploring vulnerabilities in online payments VIDEO (05:12) | |
| ^ | Cybercr | iminals: why do they do it? | |
| | 2.12 | Motivations, methods and practical attacks by cybercriminals ARTICLE | |
| | 2.13 | Black markets: the sale and purchase of stolen credit card details online ARTICLE | |
| | 2.14 | What methods and targets are attractive to criminals? ARTICLE | |
| ^ | What co | ontribution does research make in the battle against fraudsters? | |
| | 2.15 | Regaining an advantage - the role of research ARTICLE | |
| | 2.16 | Is your mobile phone spying on you? ARTICLE | |
| | 2.17 | The million dollar contactless payment VIDEO (01:32) | |
| | 2.18 | Bitcoin: a cryptocurrency ARTICLE | |
| ^ | Reducin | g our risks | ⊘ Edit |
| | 2.19 | Expert advice on protecting your money ARTICLE | |
| | 2.20 | Phishing QUIZ | |
| | 2.21 | Staying safe with online payments ARTICLE | |
| | 2.22 | Auditing your Mobile App permissions ARTICLE | |
| ^ | Summar | у | |

| | 2.23 | Over to you - what are your ideas? DISCUSSION | |
|-----|--|---|--|
| ^ 3 | 3. Securit | ty in the future home (20 steps) | |
| ^ | The futu | ure home is a connected home | |
| | 3.1 | Welcome to Week 3: security in the future home VIDEO (00:59) | |
| | 3.2 | Devices in the future home VIDEO (03:26) | |
| | 3.3 | How many connected devices do you own? POLL | |
| | 3.4 | Issues raised by connected devices? DISCUSSION | |
| ^ | Smart devices bring ease and convenience | | |
| | 3.5 | Case study 1: the ordering stick ARTICLE | |
| | 3.6 | Case study 2: the door ARTICLE | |
| | 3.7 | Case study 3: Co-wheels ARTICLE | |
| | 3.8 | Staying in control ARTICLE | |
| ^ | How do our connected homes expose us? | | |
| | 3.9 | Crime ARTICLE | |
| | 3.10 | STRIDE ARTICLE | |
| | 3.11 | Apply the STRIDE model to the future home QUIZ | |
| | 3.12 | How are these new threats different from the old ones? DISCUSSION | |
| ^ | What will you compromise in the security-usability tradeoff? | | |
| | 3.13 | Security privacy tradeoff ARTICLE | |
| | 3.14 | Exploring security: biometric authentication VIDEO (05:13) | |
| | 3.15 | Exploring security: the Access Control Live Lab VIDEO (03:47) | |
| | 3.16 | Is security a matter of trade-off? DISCUSSION | |
| ^ | How do | businesses protect themselves from attack? | |
| | 3.17 | Zero-day vulnerabilities and bounty programs ARTICLE | |

| ^ | What have we learned? | |
|---|---|--|
| | 3.18 Test your understanding TEST | |
| | 3.19 What will you do differently, or do next? DISCUSSION | |
| | 3.20 Wrapping up ARTICLE | |