Create a set of simple and short web pages to describe yourself and your career at Napier. If that sounds boring you can choose another topic, perhaps a hobby or something else that you are interested in. Where appropriate you should include links to external resources, e.g. to various pages in the Napier website. You should be considering how to break things down into separate pages, and also what internal links you might need for navigation within each page and between your pages. For example, starting within a homepage, i.e. index.html you might have links to a personal page about you, and a course page about your degree. Your course page might be broken down by year, and each year in turn by module. At each point you should be considering the best HTML elements to apply to markup your page. Don’t worry too much about how things look at this point, next week we’ll look at prettifying things using CSS, what we want for now is nicely organised information that we can navigate in the browser. The important thing to consider in this exercise is how to develop and expose the “hypertext” structure of the information.

BEng(Hons) Cybersecurity and Forensics is a 4 year course in order to complete with various opportunities within year 3 of even a full year of a placement. As it’s a full-time course, don’t be mislead by only 3 days of scheduled classes. This doesn’t mean 4 days of relaxing and enjoying student life. Technology is great, inspirational with endless limits but this course will show you a little different look on things as well as how to avoid some consequences in regards to security. I am not making it sound exciting, am I?

Lets have a look at some facts related to the course

Cyber crime is quickly becoming more profitable than the illegal drug trade.

Most attackers target small business – yes this may not mean the attacker will end up with a fortune but with little security of small business, hacker will spend very little time planning and executing attack. Here is a local example in 2015 [Scottish hairdressing firm warns of cyber attack threat - BBC News](https://www.bbc.co.uk/news/uk-scotland-scotland-business-34647780)

The Scottish Environment Protection Agency (Sepa) responsible for environmental updates and protection such as flooding, has also been a victim of a cyber security attack which had more than 4,000 digital files stolen during the incident [Hackers had second go at Sepa during cyber attack - BBC News](https://www.bbc.co.uk/news/uk-scotland-59054590#:~:text=Hackers%20responsible%20for%20a%20cyber%20attack%20on%20Scotland%27s,than%204%2C000%20digital%20files%20stolen%20in%20the%20incident.)

[www.bbc.co.uk/news/uk-scotland-59054590#:~:text=Hackers%20responsible%20for%20a%20cyber%20attack%20on%20Scotland%27s,than%204%2C000%20digital%20files%20stolen%20in%20the%20incident](http://www.bbc.co.uk/news/uk-scotland-59054590#:~:text=Hackers%20responsible%20for%20a%20cyber%20attack%20on%20Scotland%27s,than%204%2C000%20digital%20files%20stolen%20in%20the%20incident).

British Airways have been fined £20 millions for data breach affecting more than 400,000 customers. In 2018 BA have been victims of cyber attack which was undetected for 2 months. Why would a company who fell as a victim to cyber crime have to pay a fine? Check out the fundamentals of this specific incident

[ICO fines British Airways £20m for data breach affecting more than 400,000 customers | ICO](https://ico.org.uk/about-the-ico/news-and-events/news-and-blogs/2020/10/ico-fines-british-airways-20m-for-data-breach-affecting-more-than-400-000-customers/)

Where you aware of any of the facts stated above? Don’t worry there are more and many more not documented.

[UK Cyber Attacks 2021 | Falanx Cyber](https://falanxcyber.com/uk-cyber-attacks-2021/)

Back to the course

Course contents

Year 1

Software Development 1

Information Systems in Organisations

Computer Systems 1

Practical Networks 1

Introduction to Human-Computer Interaction

Programming Fundamentals

Year 2

Database Systems

Systems and Services

Scripting for Cybersecurity and Forensics

Practical Networks 2

Digital Forensics

Web Technologies

Year 3

Data Analytics

Networked Services

Network Security and Cryptography

Group Project

Computing in Contemporary Society

Core Options

Year 4

Honours Projects

OS Forensics

Security Systems for loT

Security Testing and Advanced Network Forensics

Secure Software Development

Throughout the course you will be taught skills which will be required in a computing related field as well as security principals of digital security and forensics. Fundamentals of using tools used in digital forensics which are used by Police Scotland. This is a great starting point into the industry gaining not only knowledge but experience to deal with software. Programming is a big part of the course, very rewarding at the end when you knowledge of all comes together and something amazing is produced. Problem solving is a major part of the course as well as analytical skills.

[BEng (Hons) Cybersecurity & Forensics Undergraduate Full-time (napier.ac.uk)](https://www.napier.ac.uk/courses/beng-hons-cybersecurity-and-forensics-undergraduate-fulltime)

You will find here all information about the course. If you are a visual learner, here is a link which will explain the cyber security fundamentals

[Cyber Security In 7 Minutes | What Is Cyber Security: How It Works? | Cyber Security | Simplilearn - YouTube](https://www.youtube.com/watch?v=inWWhr5tnEA)

[How to make a great study planner | The Student Room](https://www.thestudentroom.co.uk/revision/advice/how-to-make-a-great-study-planner)

Plan your time effectively and realistically. Rushing on front of rest of the class is ambitious, but are you spending enough time on current material? The scale can go other way, with a thinking process of catching up next day. There is no an easier way to say this, but one day of catching up will have much more of an effect than you think. [I have used The Student Room ] for tips in regards to time management and how to plan.

How to study cyber security courses, you can look out for things there and using it as a guideline. Don’t worry if something is not as clear, it will take time. You will need to research things yourself as well, just think of a spider web, its just getting bigger and bigger. Allow your curiosity to take over and have fun!

[Simple Ways to Study for Cyber Security Courses - wikiHow](https://www.wikihow.com/Study-for-Cyber-Security-Courses) (first link)