

**LAWS5182 – Special Topic A**  
**Future Frontiers: Emerging Technology, Cyber Security, Society, and the Law**

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This course is a survey course, which will examine and situate cyber security issues in the context of emerging technologies and their impact on society. It will include consideration of privacy and data protection challenges in this context and approaches to regulating emerging technologies.

Currently, with the increasing impact of a wide range of digital technologies on our lives, cyber security is of ever increasing importance. Any organisation could be hacked or have a data leak. As such, we will consider the relationship between cyber security and the protection of privacy in the digital world. In the assessment there will be opportunities for students to research topics that are of interest to them and present their work to the class, as well as develop a research paper based on that topic.

A number of topics will be considered, including, but not limited to:

- An introduction to cyber security and the law, including introduction to encryption.
- Introduction to emerging technologies and the challenges they raise for regulation and their impact on society
- Introduction to privacy and data protection in an international context, including discussion of the GDPR. We will also consider approaches, such as privacy by design and cyber security by design.
- Privacy policies and electronic contracts and how users/consumers engage with these online
- Cyber security and privacy risks in the context of particular technologies, including: the Internet of Things (eg. wearable technology, smart toys etc); personal genomics and other emerging healthcare technologies; and artificial intelligence and robotics.
- Ethical and legal issues raised by emerging technology and the impact of data breaches and leaks on the public, including consideration of issues related to children and vulnerable consumers
- Legal responses to cyber security challenges to date
- Consideration of governance of future spaces and future risks raised by technologies