Integrated Learning (Cyber Security and Hacker Tools)

Course length: Full year
Credit value: 20 credits

Only 20 credits of Integrated Learning can be counted towards an ATAR.

Advice to students
No background knowledge is required. Experience with information technologies is desirable and it is to a student’s advantage if they have completed SACE Stage 1 IT.

Course overview
Cyber Security and Hacker tools is a school developed program. This course will look at understanding the following
Computer fundamentals – network operating system and linux
Security fundamentals.

This course will cover a wide range of topics, including terminology, the basics of computer networks, linux, security policies, incident response, passwords, an introduction to cryptographic principles and ethics and legal issues on this topic.

The course has a focus on skill development and collaboration to aid students in developing their planning, organisational, collaborative, research, reflecting and analytical skills.

Assessment
Students demonstrate evidence of their learning through the following assessment types.

School assessment (70%)
- Assessment type 1: Practical inquiry (40%)
- Assessment type 2: Connections (30%)

External assessment (30%)
- Assessment type 3: Personal endeavour (30%)

Pathways
Is suitable preparation for a number of university and third party industry courses.

Further information
Students may be involved in some negotiation in determining practical activities and are able in some instances to choose self-directed or special projects.