KINGSCLIFF HIGH SCHOOL

ACHIEVEMENT THROUGH ENDEAVOUR

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Subject Selection Information

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Faculty:

Industrial Arts & Computing Studies

Subject: Enterprise Computing

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Classification of the Course:

Category A

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Nature of the Course

The study of Enterprise Computing 11–12 enables students to develop an understanding of the function and purpose of digital tools and processes, and the importance of data in enterprise information systems. This allows students to effectively use and manage digital tools and technologies in commercial and other settings.
Students are encouraged to develop an entrepreneurial mindset by working collaboratively, growing specialised communication skills, and applying system, design and computational thinking skills. The knowledge and skills developed in this course ensure students can contribute to a world increasingly reliant on the manipulation and use of digital systems.

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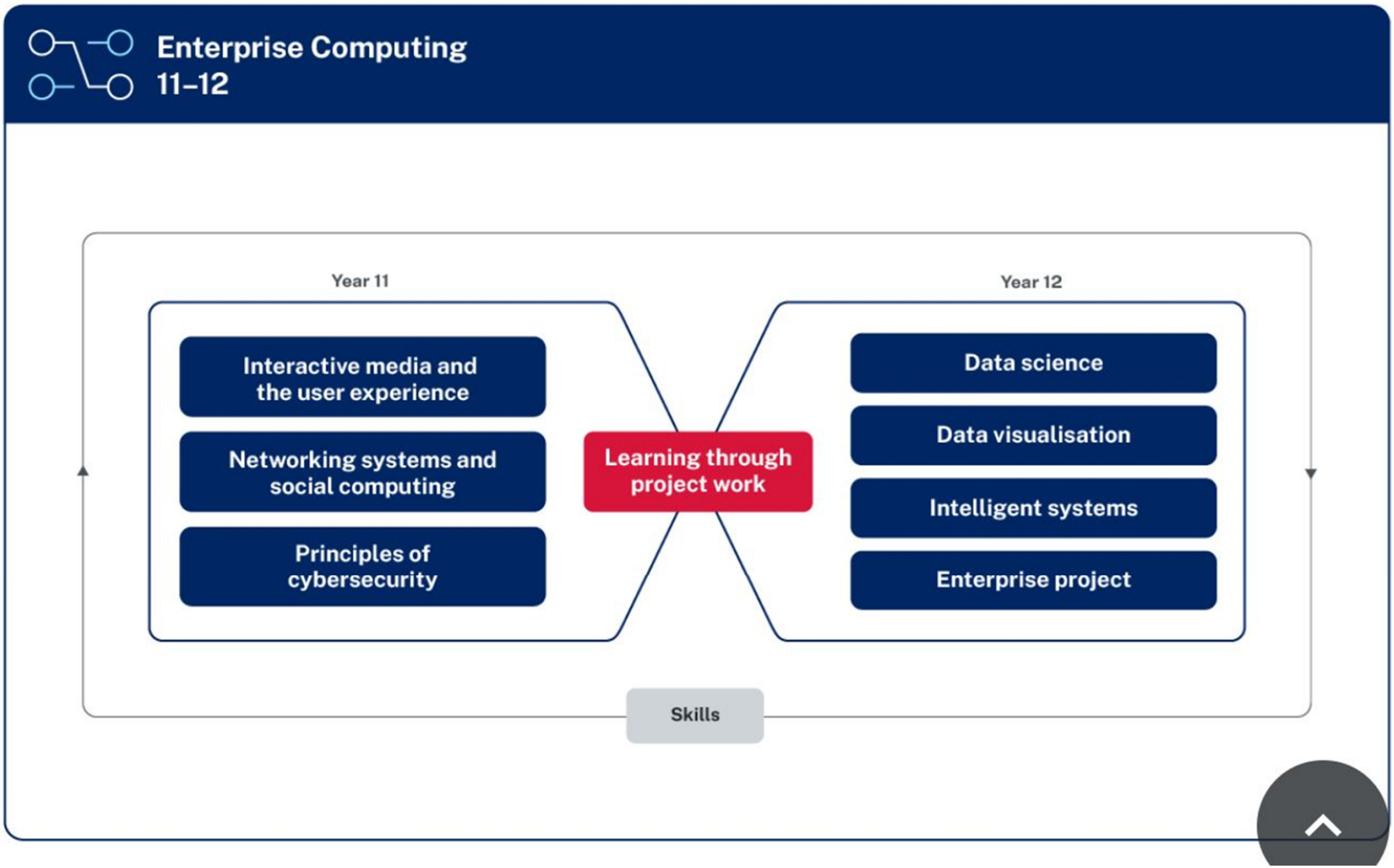

Figure 1: The organisation of content for Enterprise Computing 11–12 Syllabus

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Main Topics Covered

Year 11 Course Topics

- Interactive Media and the User Experience
- Networking Systems and Social Computing
- Principles of Cybersecurity

Year 12 Course Topics

- Data Science
- Data Visualisation
- Intelligent Systems
- Enterprise Project

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HSC Exam: Yes

Length of Exam: 3 hours

New Subject: Year 11 begins in 2027 and Year 12 in T4 2027

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Internal Assessment Structure

Preliminary and HSC Assessment

Knowledge and understanding of course content weighting is 50%
Knowledge and skills in the practical application of the content weighting is 50%

All topics are taught with equal indicative hours being 40hrs for Year 11 AND 30hrs for Year 12.

The HSC external examination will be worth 80 marks.It will be undertaken by students using a computer.

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Elective fees for the Course:

Preliminary Course - $45
HSC Course - $45

Please note that subject fees cover basic consumables including software licences, video, audio and film equipment, paper and consumables. Students who produce physical projects to support digital projects will need to purchase resources.

Students who choose this subject are expected to pay the subject contribution fee to cover resource expenses.

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Skills Required for this subject and/or any Prerequisites:

There is no prerequisite study for the 2-unit Year 11 course. Completion of the 2-unit Year 11 course is a prerequisite to the study of the 2-unit Year 12 course.

The percentage values in each course refer to indicative course time. Knowledge and understanding of course content weighting is 50% and Knowledge and skills in the practical application of the content weighting is 50%.

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Career Opportunities

The Enterprise Computing course is a new course developed to prepare students for living in a rapidly evolving digital environment. It provides students with the opportunity to develop and apply an understanding of enterprise computing systems in the safe and secure usage and storage of data. This is done by manipulating tools and resources while being aware of their social, ethical and legal implications. The Year 12 course provides students with the opportunity to extend their knowledge and understanding of enterprise computing systems. This will then be applied to the development of a major enterprise project using project management skills.

Through the production of projects in both the Preliminary and HSC course, students learn vital skills in research, planning and production of digital project solutions for the private and public sectors.

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Career Opportunities

Enterprise Computing will help students develop skills that can be applied in a variety of information technology careers. Examples of career paths could include:

- Software Application Developer
- Computer System Analyst
- Computer Network Architect
- Web Developer
- Database Administrator
- Management Analyst
- Information Security Analyst
- UX/UI Designer