



Entrepreneurial Digital Solutions 2027

Harness Visual Studio Code, GitHub, and AI platforms and feel the joy of joining the growing trend of independent and confident software engineering!

This program is open to Year 10 and 11 in 2027. By engaging in this program, students will complete Stage 1 Industry and Entrepreneurial Solutions (20 credits). The course addresses students' need to be able to decisively choose and use various platforms and avenues in an effective, smart manner.

Are you a keen and hard-working student looking to further develop your ability to code in C++, Python, SQL, and HTML/CSS/JS, then this course is for you!

Students joining the program will aim to create a product of personal interest by the end of the year—choose from IoT firmware, HTML/JS front-ends, Python data tools or machine-learning software.

Ultimately, if you feel like you're a person who loves to tinker in your spare time, then this course will provide you with many answers and options you can use for future projects.



SEATON
HIGH SCHOOL
ENTREPRENEURIAL
SPECIALIST SCHOOL

Key Learning:

- Understanding code logic and architecture
- Systems engineering and best coding practices
- Testing and Debugging
- Common Platforms used by Software Companies & Engineers
- Providing updates and feedback to code on GitHub
- Technical Documentation
- Data analysis and visualisation
- Data Storage and Privacy
- Product Prototyping and Design

Future Pathways:

- Stage 2 Applied Technology (Digital Communication Solutions)
- VET qualifications in software development
- Foundation for university IT and engineering degrees