

ICS4U Computer Science

This course enables students to further develop knowledge and skills in computer science. Students will use modular design principles to create complex and fully documented programs, according to industry standards. Students teams will manage a large software development project, from planning through to project review. Students will also analyse algorithms for effectiveness. They will investigate ethical issues in computing and further explore environmental issues, emerging technologies, areas of research in computer science, and careers in the field.

Topics:

- Programming Concepts & Skills
 - Data Types and Expressions
 - Modular Programming
 - Designing Algorithms
 - Code Maintenance
- Software Development
- Designing Modular Programs
- Topics in Computer Science



For more information, see a Business Studies Teacher