

Computing 1

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Course Content

- **Aim**
 - Knowledge and practice in computer programming in C
- **Lessons**
 - Lectures
 - Tutorials
 - Labs
- **Control**
 - Tests
 - Projects

Lecture

- Computer System
- Software Development

Computer System

- Components
 - Hardware
 - Software
 - Data

 - Users
 - Procedures

Computer Hardware

- Processor
- Memory
 - ROM
 - RAM
- Interface
 - Input
 - Output
 - Input / Output

Computer Software

- System Software
- Application Software

Computer Software

- System Software
 - OS
 - Resources, Users, Tasks
 - User Interface
 - linear
 - graphical

Computer Software

- Application Software
 - general purpose – e.g. MS Office
 - special purpose
 - SW development tools – e.g. editor, debugger
 - SW utilities - e.g. archiving, players