SUBJECT NAME   COMPUTING SCIENCE

AWARD RECEIVED   HIGHER GRADE

ENTRY LEVEL - The required level of entry to Higher Computing Science is an pass at A or B level in National 5 Computing Science.

COURSE CONTENT

The Higher course will extend learning in the topic areas from N5:

- Software Design and Development
- Database Design and Development
- Computer Systems
- Web Design and Development
- Practical Assignment

TEACHING METHODS

The course is both practical and theory based. You will have access to ICT software and hardware to support your learning. You will use paper, electronic and internet-based course materials. You will be encouraged to self-evaluate and make personal action plans to take your learning forward. Students will have access to additional learning materials through the Heriot Watt University Scholar on-line learning programme.

ASSESSMENT

There will be continuous formative assessment to track progress in learning in each of the units of the course.

The final course grade will be assessed by a written exam of 2 hours 30 minutes duration (110 marks / 69% of final award) and a Course Assignment completed in 8 hours under controlled conditions (50 marks / 31% of final award).

HOMEWORK

You will be expected to complete theory and practical homework assignments. If you do not have access to ICT at home you can use the Business & Computing Technologies department computers at school eg during lunch, to complete homework.

PROGRESSION

Students will be able to progress laterally to Higher Grade courses in Business Management and / or Administration & IT. Higher Computing Science will equip students with essential ICT, programming and problem solving and employability skills which will facilitate smooth progression to employment or to courses of study at college or university.