

ICT

Year 9

Aims:

The emphasis on ICT is now on CAPABILITY – learning how best to use ICT. One of the key things that are emphasised to students using ICT is: S.O.A.P. Sense of Audience and Purpose.

Fitness for Purpose

Students' use of ICT is driven by the objectives behind the activity and the audience it is aimed at.

Course Description:

The course comprises six termly modules which are designed to meet the requirements of the attainment targets of the National Curriculum

- In terms 1 and 2 students will work on Key Stage 3 Strategy sample teaching Unit 8.5. This involves planning a project where students integrate applications software to create solutions; they develop further capability in the use of ICT. Students will use the full range of Microsoft applications software as well as control software, Flowol.
- What is control programming and how is it used
- Control simulations such as a zebra crossing, lighthouse etc using inputs, outputs and delays
- In term 3, students will prepare for the on-line ICT test, carrying out the familiarisation tasks and then being entered for a particular level according to their teacher assessed NC level.
- After the test, students will prepare for the 'Using ICT' summative project brief for the CIDA qualification. This will involve using a range of applications software as described in the Year 10 section.

Assessment Procedures:

Students are assessed according to NC level descriptors

Homework:

- Homework will usually be set at the start of each new project or module and will consist of a variety of tasks which will include extension or enrichment activities of the work done in lessons; preparation for future lessons or opportunities for students to practise and consolidate what they have been learning.
- Much homework is open-ended in nature and provides the opportunity for students to develop the skills of research and self-motivation.
- There is no expectation that any student should have a computer at home; however, since more and more learning materials are on-line, it is important that students have access to a computer at some time. Using a computer to produce homework is also recommended as this will allow students to practise their keyboard and presentation skills using a range of applications.
- Priority access is given to students, who do not have a computer at home, in the ICT lunchtime clubs, so that they have the opportunity to complete their homework. Many students take this opportunity and work with the support of the teaching staff, who run the clubs.

Extra-Curricular:

Individual tuition is offered during lunch.

Computer club for girls is offered during lunch.

Fantasy league football is offered during lunch