

**We are particularly interested in procuring placements for our
Computer Games Programming; Radio Production; Audio and Recording
Technology and Industrial Design students:-**

BSc (Hons) Computer Games Programming

This course has been designed to give students the technical and organisational skills needed to compete for a career position as a games programmer in a fast moving industry. The course aims to give a student the opportunity to become a highly skilled programmer and a useful team player.

Games programming draws on a number of important areas of computing. The ability to programme in a number of relevant programming languages and paradigms needs to be complemented by an ability to apply a range of artificial intelligence techniques. Since most games will have a significant amount of multimedia components, i.e. graphics and sound, the games programmer also needs to understand how these components are created, stored, manipulated and integrated in the final product. The course, therefore spends some time teaching students the basics behind all these aspects and culminates in a final year module which brings them all together in the production of a game.

BSc (Hons) Radio Production

This programme covers all aspects of the operation of a radio station, and the technology that makes it work. Students gain a wide background in the practical production of audio content of radio, using state-of-the-art recording studios and broadcast facilities. Students will also gain experience in the following: working on digital and analogue mixing desks, surround-sound mixers, Pro Tools, Rivendell and Audition.

In studying Radio Production students gain advanced skills and knowledge in audio production, radio programme making, audio content development, ICT, research, communication and teamwork. A number of the practical modules are taught in conjunction with BBC staff from the BBC's Training and Development facility in Worcestershire.

BSc (Hons) Audio & Recording Technology

This programme is designed for people who want to work in the audio and recording industries. The Degree covers the science and technology of audio and recording systems and how these systems can be used effectively in recording, mixing and mastering. It therefore equips graduates with the ability to join the music industry with a highly attractive portfolio of technical skills and abilities.

Students will study modules which include:

- Sound Recording, Mixing and Mastering
- The Principles of Electronics and Acoustics
- The Measurement and Design of Studios (recording and audio production environments)
- The Integration of Sound with other Digital Media (such as radio, video, multimedia and the web).

BSc (Hons) Industrial Design

This is an exciting and demanding course which blends industrial and engineering design. Students gain a detailed understanding of the principles of design and apply this, through project work, to meet commercial, technological, manufacturing and human requirements. Study and application of the latest Computer Aided Design (CAD), Computer Aided Manufacturing (CAM) and Rapid Prototyping techniques form a major element of the course. This course is accredited by IED (Institute of Engineering Designers) and graduates gain IEng (Incorporated Engineer) status.