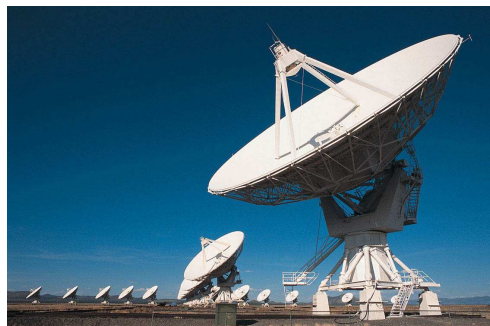# Higher Certificate in Electronic and Computer Systems

Programme Description

This programme provides a broadly based education in the fundamental principles and practice of electronic engineering. It is a level appropriate to a student seeking employment as an electronic technician in the production, test and service sectors of the electronics, communications or computer industry.

The programme has a strong practical/laboratory emphasis and a bias towards computer systems and their application in the electronics industry. An appropriate mathematical and engineering science foundation is incorporated to ensure that students wishing to extend their studies to the DIT ordinary degree in Electronics and Computer Systems (DT080) at some future date will be enabled to do so.

This programme is also offered on a part-time basis over a three-year period of study.

Entry Requirements

Irish Leaving Certificate in five subjects which must include Mathematics with a minimum of grade C3 at Ordinary level, and English or Irish or the Senior Trade Certificate of the Department of Education and Science with one endorsement in Mathematics or a science subject. Where endorsement subjects are not offered in the trade examinations, a pass in an appropriate subject of the Elementary Technological Certificate Examinations of the Department of Education and Science are be an acceptable equivalent or such qualification as the Institute may deem equivalent.

Duration

Two years full-time.

Award

Higher Certificate in Electronic and Computer Systems of the Dublin Institute of Technology.

Career Opportunities

Graduates of this programme find employment as technicians across the spectrum of electronics, telecommunications and computer industries in the production, service and applications sectors. Many of our graduates are working with multinational companies in Ireland and abroad.

For further details contact:

International Student Office
Dublin Institute of Technology
Fitzwilliam House
30 Upper Pembroke Street
Dublin 2, Ireland.

Telephone: +353 1 402 3438/7527
Email: international@dit.ie

Contact: Marie E Kennedy

www.electronics.dit.ie