1995

Fulltime Courses 1995

City of Dublin Vocational Education Committee

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The course provision, staff and facilities which formerly constituted the College of Commerce, Rathmines are scheduled to transfer to the new DIT campus facility in Aungier Street, Dublin 2, with effect from September 1994. This section of the DIT campus will henceforth be described as DIT Aungier Street, Dublin 2.

- DIT Adelaide Road, Dublin 2
  Telephone: 478 4393 / 478 4564 Fax: 478 4738
- DIT Aungier Street, Dublin 2
  Telephone: 478 5252 Fax: 478 5261
- DIT Bolton Street, Dublin 1
  Telephone: 872 7177 Fax: 872 7879
- DIT Cathal Brugha Street, Dublin 1
  Telephone: 874 7886 Fax: 874 3634
- DIT Kevin Street, Dublin 8
  Telephone: 475 7541 Fax: 478 0282
- DIT Mountjoy Sq., Dublin 1
  Telephone: 836 3000 Fax: 840 0505
- DIT Computer Centre, 14 Upper Mount Street, Dublin 2
  Telephone: 676 6584 Fax: 676 7293
- Dublin Institute of Technology
  Fitzwilliam House, 30 Upper Pembroke Street, Dublin 2, Ireland
  Telephone: (+3531) 661 1688 Fax: (+3531) 661 1696
This is a particularly exciting time to be considering entering higher education with such a wide range of excellent course choices on offer in different kinds of institutions. If you are involved in this process it is important that you consider and evaluate carefully the various opportunities available before completing your CAO/CAS form and entering your course selections in order of preference. Few decisions which you will make are likely to have a more profound effect on your life and future career path.

We expect that in your evaluation of the various courses available you will give special attention to those offered by Dublin Institute of Technology (DIT). We hope that our promotional literature will provide you with the details which you require about our programmes to make an informed choice. The Institute has a very wide range of programmes with more than 70 different courses at Certificate, Diploma and Degree levels, thus offering excellent opportunities to progress to the highest academic and professional levels.

Most of our courses are vocationally oriented and have a special focus on the needs of the job market. Our graduates are very highly regarded, both nationally and internationally. They are acknowledged as having a good balance of academic knowledge, skills and aptitudes which are acquired while pursuing carefully formulated courses, reviewed regularly in order to maintain their relevance and quality standards.

This is a very interesting period in DIT with the implementation of its new legislation which has brought its six Colleges together to form a new Institute, building on its strengths and traditions that go back more than a century. As DIT enters a new phase of development and expansion it offers many opportunities for young people (and the not so young!) to achieve their career goals and realise personal ambitions and fulfilment in a stimulating and caring educational environment. If you decide to include DIT courses amongst your preferences and are successful in obtaining a place in one of them we hope that you will both enjoy and benefit from your time with us.

Dr. Brendan Goldsmith
President.
June 1994.
DIT Awards:
The colleges of DIT, under the authority of the City of Dublin Vocational Education Committee, (CDVEC), under which they operated until 1992, began making their own awards in the late 1950's. Over the years these awards won national and international recognition and also met the full academic requirements for membership of professional bodies associated with the various discipline areas.

The Dublin Institute of Technology Act 1992, under which DIT is now established as a statutory body independent of CDVEC, has confirmed the academic awarding capacity of the Institute at certificate and diploma levels and has provision for the Institute to make its own degree awards under an order made by the Minister for Education with the concurrence of the Minister for Finance. The Minister for Education has not, at the time of publication, made such an order in relation to DIT making its own degree awards, pending the restructuring of the Institute as a single integrated body in accordance with its legislation.

University of Dublin Degree Awards:
Degree awards of the University became available to graduates of certain courses conducted by the DIT Colleges under a partnership agreement entered into between CDVEC and the University of Dublin (Trinity College) in 1975. Since then several thousand DIT graduates have been conferred with University of Dublin degree awards with honours classification as well as with DIT diplomas and this arrangement continues to be in place in respect of some 20 DIT degree course options. Details relating to the different degree awards are included under the individual course entries. Graduates of these courses apply to the University for conferment of their degrees by completing appropriate documentation and paying the specified commencement fees to the University.

Method of Application:
Application for admission to 1st year of all DIT full-time 3rd level courses must be made directly to:

The Central Applications Office
Tower House,
Eglington Street,
Galway.

Application must be made on the CAO/CAS Joint Application form, which is available - together with the CAO/CAS Joint Handbook - from the CAO.

Closing date for receipt of applications is 1st February 1995.

Minimum Entry Requirements:
The minimum entry requirements for each course are included within the course entries in the section following.

Selection Procedures:
For the majority of DIT full-time 3rd level courses, selection of applicants for places is based upon Leaving Certificate Examination performance which involves allocating points to examination grades. The points system used is shown below.

An applicant's examination score will be calculated by adding together the points scored in the best six subjects in a single sitting of the Irish Leaving Certificate.
In the case of a small number of courses there are additional selection procedures and these are outlined below:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Suitability Test</th>
<th>Interview</th>
<th>Audition</th>
<th>Portfolio Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>FT101</td>
<td>Architecture</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FT401*</td>
<td>Hotel and Catering Management</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FT601</td>
<td>Music Performance</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DT102</td>
<td>Architectural Technician</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DT402*</td>
<td>Diploma in Hotel Management</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DT403*</td>
<td>Diploma in Catering Management</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DT404*</td>
<td>Diploma in Leisure Management</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DT511</td>
<td>Environmental Design</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DT512</td>
<td>Visual Communication Design</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DT513</td>
<td>Diploma in Fine Art</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DT514</td>
<td>Certificate in Art &amp; Design</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DT515</td>
<td>Certificate in Design (Display)</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DT516</td>
<td>Certificate in Design (Presentation)</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Suitability tests and interviews may be held for these courses.

It is important to note that applicants who do not reach the required standard in the suitability test/portfolio assessment will not be called to interview and will not be considered further for the course(s) involved.

In the case of FT601 applicants must attend for an audition and interview and those who reach the required standard will be invited to sit a written/aural musicianship test.

The maximum assessment points awarded for the above selection procedures are as follows:

**Suitability Test:** 100

**Interview:** 100

**Portfolio Assessment + Interview:** 600

**Audition + Interview + Written Test (FT601 only):** 100

In the case of these courses, an applicant's overall points score will be calculated by adding together the examination points score and assessment points score.
SPECIAL CATEGORY APPLICANTS

Where applicants wish to be considered for places on the basis of entry qualifications other than the Leaving Certificate, they would normally fall into one of the categories listed below. Such applicants are treated as special category applicants and are assessed separately from the main stream of candidates.

Mature Applicants:

A mature applicant who is 23 years of age or over on 1st January of the year of entry and who does not meet the normal minimum admission requirements may be considered for admission to an appropriate course after attending in person for interview and satisfying the Institute as to his/her ability to benefit from the proposed course. Such applicants may be required to sit and pass an entrance test or suitability test before being admitted.

Overseas Applicants:

Applicants whose permanent residence is outside the European Union are regarded as overseas applicants and must apply not later than 15th December 1994 using the CAO/CAS application form which is available on request from CAO.

Because of the large number of applications received each year from qualified E.U. applicants and the limited number of places available, the Institute regrets that it has to limit admission of overseas applicants to the small quota of places reserved for those who are sponsored by official agencies linked to Ireland's development aid programme. Certified translations of overseas qualifications, not issued in English, must be furnished with the application.

Trade/Craft Applicants:

For many of the courses in DIT which specify a pass in five subjects in the Leaving Certificate Examination as the entrance requirement, the Senior Trade Certificate of the Department of Education with one endorsement in Mathematics or a science subject will satisfy the minimum entrance requirement. Students holding this Certificate with three endorsements in academic subjects are eligible for consideration for entry into related professional/degree level courses. Where endorsement subjects are not offered in trade examinations, a pass in an appropriate subject of the Elementary Technological Certificate of the Department of Education is an acceptable equivalent.

National Certificate/Diploma Holders:

Applications for entry into the first year of DIT courses should be made using the standard CAO/CAS application form.

Applications for entry into the 2nd or subsequent year of DIT courses should be submitted to the DIT Admissions Office using the DIT Transferee application form.

Applicants should request the college where they have studied for these awards to forward in confidence to the DIT Admissions Office a full transcript of results including subjects studied and grades obtained. The application will not be processed until this has been received. Only candidates with a very high level of attainment have prospects of gaining admission because of the limited number of places available.
OFFERS AND ACCEPTANCE OF PLACES

During the period August-September offers of places are issued through CAO in a series of offer rounds.

The initial offer round in early August will include applicants who have already been assessed and are not awaiting Leaving Certificate results for the current year. (e.g. Mature, Overseas, Deferred Entrants etc.)

The main bulk of offers will be issued as soon as possible after the Leaving Certificate results become available, normally towards the end of August.

The procedures for accepting offers will be clearly detailed on the offer notices issued by CAO. These procedures must be strictly adhered to in order to secure a place.

Applicants receiving offers are advised to read very carefully all documentation issued by CAO at offer stage, and to follow all instructions precisely.

FAILURE TO DO SO MAY RESULT IN THE LOSS OF THE PLACE BEING OFFERED.

Please read the CAO/CAS Joint Handbook now.

A facility to defer entry for one year is available at present. In order to avail of the facility, an applicant must first be offered a place on a DIT course and then take the following steps:

1. The successful applicant should not accept the place offered or pay any deposit.

2. He/she must apply in writing to the Admissions Officer, Dublin Institute of Technology, 30 Upper Pembroke Street, Dublin 2, requesting deferral and giving the reason.

3. The written request must be received in the DIT Admissions Office no later than two days before the closing date for acceptance of places in the particular offer round.

If the request for deferral is granted the applicant will be advised in writing and a place on the course involved will be reserved for him/her for the following year.

If the request is not granted, the applicant will be notified in writing and may then accept the original offer for the current year.

Applicants who are granted deferral will be required to comply with certain procedures for taking up the reserved place, including the submission of an application form to CAO for the deferred course in the following year. Such procedures will be advised to the applicant in writing by the Admissions Officer before 15th January of the following year.

GRANTS AND SCHOLARSHIPS

Higher Education Grants:

Students who are admitted to Diploma/Degree level courses conducted by the Institute are eligible to apply for a Higher Education Grant to the Local Authority where their parents or guardians normally reside. Information on eligibility, conditions (including closing date) and application forms are available from the appropriate Local Authority (County Council or Corporation).

V.E.C. Scholarships:

Students who are admitted to Diploma/Degree level courses conducted by the Institute are eligible to apply for a VEC Scholarship from the Vocational Education Committee of the area where their parents or guardians normally reside. Information on eligibility, conditions (including closing date) and application forms are available from the appropriate Vocational Education Committee.

ESF Training Allowances:

ESF (European Social Fund) training allowances may be available to students while they are pursuing certain 1, 2, & 3 year courses provided their attendance record and general performance is satisfactory. These allowances cover tuition fees and may also provide for payment of a monthly maintenance allowance for those who are admitted to a course of this type.

Applicants should note that the maintenance element of these allowances is subject to a means test and applications for maintenance should be made to your local Vocational Education Committee. ESF training allowances may be available in 1985 for all DIT Certificate/Diploma courses except DT120, DT272, DT508, DT511 and DT512.

A student may not hold more than one of the above in respect of his/her attendance on a course.

APPLICANTS WITH DISABILITIES

It is appreciated that some applicants with disabilities of various kinds may require special facilities. Such applicants should contact the appropriate DIT College well in advance of submitting an application to discuss particular needs and the possible availability of the special facilities required.
STUDENT FACILITIES

DIT Computer Centre:
The DIT Computer Centre at 14 Upper Mount Street provides a central computing service to the colleges and centres of the Institute. This service covers both academic and administrative requirements at staff and student levels. The colleges and centres are linked together in a Metropolitan Area Network (MAN) in which the Computer Centre forms the hub. This MAN (DITNET) integrates extensive PC, fileserver and workstation Local Area Networks (LANs) at each site with the central computing system and also provides access to external Wide Area Networks (WANs) via INTERNET and to Public Packet Switched (PSS) services.

Applications directly provided by the central computing service include: student, finance and library administrative systems and a large variety of academic computing applications.

DIT Library Facilities:
All DIT Colleges have their own libraries. Total collections are presently in excess of 100,000 items with 1,000 current journal titles received. Library facilities are available to all students and your College I.D. card is also your library card. The libraries are networked operating the same computer system and sharing a common database - the entire holdings, their locations and status are displayed on the Opacs (on-line terminals) in each site. Close links are maintained among the libraries and this facilitates the interlending and full exploitation of their specialist collections within DIT.

Generally your library will provide study places, texts, reference materials, course materials and journals, both to support the courses offered and to encourage research. Material may be available in many formats; videos, slides, microforms, cd Rom, disks, tapes and maps are some that are available.

Special information tools, indexing and abstracting journals, cd Rom databases and on-line searching are available, to varying degrees, in the different libraries. Hours of opening vary from library to library according to the time of year. All of the libraries operate a book security system to safeguard their collections. Photocopying services are provided. Your library will be a valuable resource for you during your years at college.

DIT Restaurant Facilities:
Each of the DIT Colleges has restaurant facilities which provide lunches and teas at reasonable prices as well as morning and afternoon snacks in comfortable surroundings.

DIT Careers and Appointments Service:
In their final year in DIT students are faced with a number of important decisions. The options include going on to further study, seeking employment or taking a year out. The Careers and Appointments Service helps students with these decisions through individual and group guidance. This year, for the first time, information will be available through the computer network on vacancies in Ireland and abroad.

Seminars are held throughout the academic year on the jobs market, application procedures and interview skills. Employers contact the Careers and Appointments Officer about job vacancies and these are notified to recent graduates as well as students. Lecturers in individual DIT Colleges also provide students with advice and information on employment and career opportunities.
DIT Student Counselling Service: The DIT Student Counselling Service is a professional and confidential service staffed by a team of counselling Psychologists with an office in each of the six DIT colleges.

The counselling service helps students to develop greater self understanding, to identify and solve any problems, large or small, that might interfere with academic as well as personal development. The counselling service aims to help students equip themselves with the kind of skills necessary for survival in a college environment including learning and stress management skills. The service offers special workshops on a variety of topics including study skills, presentation and interviewing skills and stress management. Students can make an appointment to see a counsellor by telephoning the central office or by contacting the counsellor directly in the college.

DIT Chaplaincy: The chaplains form an integral part of life in the Colleges. Their work is primarily one of pastoral care. The Chaplaincy, which is ecumenical, is directed to all who work in the Colleges. One of the principal aims of the Chaplaincy is to encourage the integration of personal, social and spiritual development with academic effort and achievement. The chaplains are easily contacted at their rooms in each college. You are welcome to call at any time.

DIT Student Personal Accident Insurance: All full-time students are automatically covered by this insurance scheme. The premium is included in the Student Services Fee, and cover is provided for a period of one year from enrolment, subject to some exclusions, for a wide range of benefits in respect of certified accidents occurring, irrespective of whether the student is on a DIT premises or otherwise.

DIT Student Services Office: The DIT Student Services Office administers a variety of services in the DIT colleges, and oversees the distribution and expenditure of the Student Services Fund, which is created from the Student Services Fee included in the tuition fee paid by each student of the Institute.

DIT Student Services Fund: This Fund is distributed under the following headings:

- Clubs and Societies:
  - Sports
  - Recreational
  - Course-Related
  - Cultural
  - Social
- Students' Union
- Welfare:
  - Accommodation Service
  - Medical Service
  - Student Assistance Fund
  - Child Care Support Fund
- Development Fund

This is an information service provided by the Student Services Office, in co-operation with the Students' Union. A list is produced containing available living accommodation, both self-catering and lodgings ("digs"), containing details of location, number of places and charges, etc. This list may be obtained from the Registration Office or the Students' Union on each campus, or from the Student Services Office.

The Student Medical Service is a scheme whereby a number of Medical Practitioners provide treatment at a subsidised cost to students requiring medical assistance, and who are not covered by Medical Cards. Patients are seen by appointment, either at specified times in the college, or in the doctor's own rooms.

Some centres also have an on-site First Aid service during normal lecture hours. This service is provided in association with the Order of Malta Ambulance Service.

The Student Assistance Fund, administered by the Student Services Officer, provides limited support for full-time students who are experiencing temporary or unforeseen financial difficulties due to a major change of circumstances, by making small grants of monies having regard to the individual's needs. The Student Assistance Fund can only deal with cases of extreme hardship, and applies to students who have already spent at least one term in college. Students will normally be referred to the fund by DIT Student Counsellors, Chaplains, Course Tutors or Students' Union Welfare Officers.
The Child Care Support Fund, also administrated by the Student Services Officer, is a scheme which provides a small subsidy to students who are parents relating to the cost of child care during the academic year. As these students are usually entitled to some state benefits and allowances, the scheme is means-tested.

This is set aside as a contribution by students towards the costs associated with the establishment of a DIT Student Social and Recreational Centre.

Over 150 Clubs and Societies operate in the Institute. These represent all of the major (and many minor) sporting disciplines, as well as cultural and social activity and numerous course-related societies.

Some of the DIT centres have well-equipped gymnasiums and the swimming pool in DIT Kevin Street is available to registered students. Other local facilities are used where required.

This is the representative body for the students of the Institute. It promotes the social and organisational side of student life, including the clubs and societies, and represents the interests of students in college.

The Students' Union operates a number of commercial services, including shops, photocopying, the issue of USIT International Student Identity Cards and travel tickets, and organises lunchtime concerts, discos and other social events.

The Students' Union also provides travel and general information as well as financial and welfare advice. In this respect, the Union's officers work closely with the Institute's Student Services Office, Counselling Service and Chaplains.

The courses listed below are available at DIT Bolton Street. Details for each course are included in the section following.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Duration (Years)</th>
<th>Minimum Entry Points (1993)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FT101</td>
<td>Architecture</td>
<td>5</td>
<td>530*</td>
</tr>
<tr>
<td>FT110</td>
<td>Property Economics</td>
<td>4</td>
<td>385</td>
</tr>
<tr>
<td>FT111</td>
<td>Construction Economics</td>
<td>4</td>
<td>375</td>
</tr>
<tr>
<td>FT125</td>
<td>Engineering</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Mechanical, Building Services, Manufacturing, Structural)</td>
<td>4</td>
<td>300</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Duration (Years)</th>
<th>Minimum Entry Points (1993)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DT102</td>
<td>Architectural Technician Diploma</td>
<td>3</td>
<td>426*</td>
</tr>
<tr>
<td>DT114</td>
<td>Construction Technology Cert/Diploma</td>
<td>2/3</td>
<td>305</td>
</tr>
<tr>
<td>DT115</td>
<td>Geo-Surveying Cert/Diploma</td>
<td>2/3</td>
<td>320</td>
</tr>
<tr>
<td>DT116</td>
<td>Auctioneering, Valuation &amp; Estate Agency Cert/Diploma</td>
<td>2/3</td>
<td>345</td>
</tr>
<tr>
<td>DT120</td>
<td>Preliminary Engineering</td>
<td>1</td>
<td>335</td>
</tr>
<tr>
<td>DT126</td>
<td>Civil Engineering Technician Cert/Diploma</td>
<td>2/3</td>
<td>335</td>
</tr>
<tr>
<td>DT127</td>
<td>Building Services Engineering Cert/Diploma</td>
<td>2/3</td>
<td>245</td>
</tr>
<tr>
<td>DT128</td>
<td>Mechanical Engineering Cert/Diploma</td>
<td>2/3</td>
<td>315</td>
</tr>
<tr>
<td>DT130</td>
<td>Printing Certificate/Diploma</td>
<td>2/3</td>
<td>305</td>
</tr>
<tr>
<td>DT131</td>
<td>Diploma in Graphic Reproduction Technology</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>DT150</td>
<td>Transport Engineering Technician Cert/Diploma in Motor Industry Management</td>
<td>2/3</td>
<td>235</td>
</tr>
<tr>
<td>DT171</td>
<td>Buildings Maintenance Technician Cert</td>
<td>2</td>
<td>205</td>
</tr>
</tbody>
</table>

* Includes score for suitability test and Interview assessment.
+ Applications are not accepted from school-leavers for this course.
DIPLOMA/DEGREE IN ARCHITECTURE BSc (Arch)

Course Description:
This is a five year full-time course which prepares students wishing to make their careers in Architecture. The course covers a wide range of subjects and aims at a synthesis of knowledge gained from the use of these subjects in architectural design projects culminating in a Final Year Thesis in the design of a major building. Students are required to gain professional experience in architectural office practice during the summer vacations and, in this way, support their study and their ability to work individually, or as members of a team.

Course Outline:
First Year:

Second Year:

Third Year:

Fourth Year:

Fifth Year:

Duration:
Five years full-time.

Location:
DIT Bolton Street.

Entry Requirements:
Leaving Certificate with passes in six subjects, at least two of which must be at Grade C3 or higher in the Higher Level course, or equivalent qualifications. The six subjects must include Mathematics and English or Irish.

Applicants may be required to undertake a suitability test and, if successful in this, they may be interviewed as part of the selection process.

Award:
Graduates of this course are eligible for the following awards:
Diploma in Architecture (Dublin Institute of Technology).
Bachelor of Architectural Science (University of Dublin).

They are also eligible on graduation for Associate Membership of the Royal Institute of Architects of Ireland. Following two years of post graduate experience they may take the Institute's examination in Professional competence and thus become members of the RIAI.

The Diploma in Architecture of the College is a qualification which is recognised for the profession of architect in member States of the European Union.
Career Opportunities:

The qualification is for the profession of Architect. Architects are concerned with the design of buildings and supervision of building projects. They may practice in a personal professional capacity, or in employment in private and public sector organisations. The field of practice is quite extensive in Ireland and abroad and may offer alternatives of general practice or specialisation throughout a career. Some graduates spend time abroad to gain wider and more varied design experience.

The course and the career require a creative aptitude for architectural design and the organisational ability for its implementation in practice. The range of subject material in the course is wide, and calls for an interest and ability in artistic and cultural aspects as well as in technical matters and in managerial skills.

Further Information:

Mr. James Horan,
Department of Architecture and Town Planning.
Tel: (01) 872 7177.

Using CAD to help solve an architectural design problem.

Property Economics
Diploma/Degree B.Sc (Surv).

Course Description:

This is a four year full-time course which prepares those who wish to make careers in Valuation Surveying, Property Auctioneering, Investment and Management and Estate Agency in Ireland and abroad. It is also suitable for those interested in Property Development, Town Planning and the general investment market. Graduates may be employed as valuers, estate agents, property consultants and investment advisors, developers and planners. The course provides an education in the financial, legal, planning and construction aspects of property in the context of the investment market in general and it provides students with a thorough understanding of the economic functioning of the built environment.

First Year:


Second Year:

Law, Construction Technology, Property Management and Marketing, Quantitative Methods, Valuations, Planning, Economics.

Third Year:


During this year students may undertake a major integrated project on urban renewal/development.

Fourth Year:


In the fourth year each student prepares a major dissertation as part of the final examination.

Duration:

Four years full-time.

Location:

DIT Bolton Street.

Entry Requirements:

The minimum educational qualification required for entry is the Irish Leaving Certificate with passes in six subjects, at least two of which must be at Grade C3 or higher in higher level papers or equivalent qualifications. The six subjects passed must include Mathematics and English or Irish.
Awards: Graduates of this course are eligible for the following awards:
- Diploma in Property Economics (Dublin Institute of Technology).
- Bachelor of Science (Surveying) (University of Dublin).

Career Opportunities: Upon successful completion of a test of professional competence, holders of these awards are eligible for Corporate Membership of the Society of Chartered Surveyors and the Royal Institution of Chartered Surveyors in the U.K. They are exempted from the Intermediate Examination of the Royal Town Planning Institute and are also accepted for entry to appropriate post-graduate courses in Ireland and abroad. The course is also recognised by the Irish Auctioneers and Valuers Institute.

The qualification is for the profession of Chartered Surveyor, which includes occupations in the fields of Auctioneering, Estate Agency and Property Valuation, Investment and Management.

Property Economists are concerned with the broader areas of land and property development, valuation surveying, estate management and town planning. They are employed in private and public organisations such as firms of auctioneers and estate agents, property development companies, valuation consultants, local authorities and the national valuation office.

The courses and careers in the discipline of Property Surveying call for an interest and ability in the financial and legal aspects of the property and construction industry, and in the managerial skills applied to building and property developments.

To date, Property Economists have obtained suitable employment mostly in private practice, but also in areas such as the financial investment departments of banks and insurance companies.

Further Information: Mr. E. De Búrca, Department of Surveying and Building, Tel: (01) 872 7177.

Course Description:

This is a four year full-time course which prepares students wishing to make their career in Construction Economics. It is designed for those who wish to work as quantity surveyors and economics advisors in the construction industry or as building development co-ordinators and building managers. The course provides a sound general education in the different aspects of this field with emphasis on practical construction economy and, in consequence, the course incorporates much project work. Students are encouraged to gain industrial and professional experience during the summer vacations and in this way they are introduced to applying their technical knowledge to practical problems, working individually, or as a team.

Course Outline:

First Year:

Second Year:

Third Year:

Fourth Year:
- Building Economics, Construction Administration & Management, Tender Documentation.

In the fourth year, each student prepares a major dissertation as part of the final examination.
Graduates of this course are eligible for the following awards:

**Diploma in Construction Economics** (Dublin Institute of Technology).

**Bachelor of Science** (Surveying) (University of Dublin).

Upon successful completion of a test of professional competence, holders of these awards are eligible for Corporate Membership of the Royal Institute of Chartered Surveyors (Quantity Surveyors Division), and the Architects and Surveyors Institute. The Chartered Institute of Building requires graduates to undergo an additional examination in management subjects and satisfy an interview board as to their professional experience before admitting them to membership. Graduates are also accepted for entry to appropriate Post-Graduate courses in Ireland and abroad.

The qualification is for the profession of Chartered Surveyor, which includes occupations in the field of construction and property management.

The Construction Economist is concerned with the more detailed aspects of the construction and site development. He/she may specialise as a quantity surveyor, in which case he/she analyses building design for purposes of cost planning, and, later, detailed tendering and cost control. Alternatively he/she may practice as a building manager with responsibility for the organisation of contracts, for labour, materials, plant, and negotiations with main and sub-contractors. The courses and careers in the discipline of Surveying call for an interest and ability in the financial and legal aspects of the construction industry, and in the managerial skills applied to building and property development. In general, Construction Economics Graduates have obtained employment in quantity surveyors offices and in the construction industry with contractors and developers.

**Duration:**
Four years full-time.

**Location:**
DIT Bolton Street.

**Entry Requirements:**
The minimum educational qualification required for entry is the Leaving Certificate with passes in six subjects, at least two of which must be at Grade C3 or higher in the higher level course or equivalent qualifications. The six subjects must include Mathematics and English or Irish.

**Award:**
Graduates of this course are eligible for the following awards:

**Diploma in Construction Economics** (Dublin Institute of Technology).

**Bachelor of Science** (Surveying) (University of Dublin).

Upon successful completion of a test of professional competence, holders of these awards are eligible for Corporate Membership of the Royal Institute of Chartered Surveyors (Quantity Surveyors Division), and the Architects and Surveyors Institute. The Chartered Institute of Building requires graduates to undergo an additional examination in management subjects and satisfy an interview board as to their professional experience before admitting them to membership. Graduates are also accepted for entry to appropriate Post-Graduate courses in Ireland and abroad.

**Career Opportunities:**
The qualification is for the profession of Chartered Surveyor, which includes occupations in the field of construction and property management.

The Construction Economist is concerned with the more detailed aspects of the construction and site development. He/she may specialise as a quantity surveyor, in which case he/she analyses building design for purposes of cost planning, and, later, detailed tendering and cost control. Alternatively he/she may practice as a building manager with responsibility for the organisation of contracts, for labour, materials, plant, and negotiations with main and sub-contractors. The courses and careers in the discipline of Surveying call for an interest and ability in the financial and legal aspects of the construction industry, and in the managerial skills applied to building and property development. In general, Construction Economics Graduates have obtained employment in quantity surveyors offices and in the construction industry with contractors and developers.

**Further Information:**
Mr. E. De Búrca,
Department of Surveying and Building,
Tel. (01) 872 7177.
Course Description:
Graduates of this course are eligible for the following awards:
Diploma in Engineering (Dublin Institute of Technology).
Bachelor of Science (Engineering) (University of Dublin).
They are eligible for Membership of the Institution of Engineers of Ireland and are also accepted for entry to appropriate University post-graduate courses in Ireland and abroad.

Course Outline:
ENGINEERING DEGREE
This is a four year full-time course which prepares students for a career in Engineering up to and including the highest levels of responsibility. There is a common first year at the end of which students branch out into the following specialities:-

FT121 Building Services
FT122 Mechanical
FT123 Manufacturing (option at the end of 2nd year Mechanical)
FT124 Structural

A good mathematical and analytical ability is required for all specialities. Students are encouraged to obtain suitable summer employment in the industry to supplement their studies.

Common first year
Mathematics, Mechanics, Engineering Drawing, Engineering Technology, Physics, Materials Science, Professional Development, Workshop, Laboratory Work, Computing and German.

Duration:
Four years full-time.

Location:
DIT Bolton Street.

Entry Requirements:
The minimum educational qualifications required for entry are the Leaving Certificate in six subjects with Grade C3 or higher on higher level papers in Mathematics and a suitable Science subject (i.e. Physics, Chemistry, Physics and Chemistry, Applied Mathematics, Construction Studies and Engineering) and a pass in four other subjects which must include English or Irish.

or an equivalent qualification.

Award:
Graduates of this course are eligible for the following awards:
Diploma in Engineering (Dublin Institute of Technology).
Bachelor of Science (Engineering) (University of Dublin).

They are eligible for Membership of the Institution of Engineers of Ireland and are also accepted for entry to appropriate University post-graduate courses in Ireland and abroad.

Career Opportunities:
The qualification is appropriate to those wishing to make their careers in Building Services Engineering which is concerned with the design and installation of the mechanical and electrical services necessary to ensure the efficient operation of modern buildings. They form part of the team of professionals involved with construction projects and work closely with Architects, Quantity Surveyors and Structural Engineers.
Manufacturing Engineering

Second Year

At the end of FT122 second year students have the option of either taking Mechanical Engineering (FT122) or Manufacturing Engineering (FT123) in their third year.

Third Year

Fourth Year

A major project is also undertaken.

Career Opportunities:
The qualification is appropriate to those wishing to specialise in Manufacturing Engineering. Manufacturing Engineers are likely to be involved with the manufacture of all types of products ranging from individual items to large batches using robotics and highly automated machines. They may also be involved with the management of projects and industries and with the operation and maintenance of plant and equipment.

A pneumonic automation project being set up.
Course Outline:

Second Year

Third Year

Fourth Year

Career Opportunities:
The qualification is appropriate to those wishing to make their careers in Structural Engineering, which is a specialisation of Civil Engineering. Structural Engineers are concerned with the design and construction of buildings, bridges and special structures. They form part of the team of professionals involved with construction projects and in this way work closely with Architects, Quantity Surveyors and Building Service Engineers.

Graduates of all disciplines have prospects of employment with contractors, research organisations, consultants, as well as state and semi-state agencies and local authorities. Some pursue post-graduate studies in Ireland or abroad directly after graduating or they may go abroad to work initially and in this way gain wider or specialised experience.

Further Information:
Mr. O. McNulty,
Department of Engineering Technology,
Tel. (01) 872 7177.

DT102

Course Outline:

First Year:

Second Year:

Third Year:

Duration:
Three years full-time

Location:
DIT Bolton Street.

Entry Requirements:
Leaving Certificate with passes in five subjects including Mathematics and English or Irish, or an equivalent qualification. Applicants may be required to undertake a suitability test and if successful in this they may be interviewed as part of the selection process.
Award:
Graduates of this course are eligible for the following award:
Architectural Technician Diploma (Dublin Institute of Technology).
This Diploma is recognised for Technician Membership by both the Incorporated Association of Architects and Surveyors, and the Royal Institute of the Architects of Ireland. It is also recognised for Associate Membership of the British Institute of Architectural Technicians (BIAT) in the U.K. and for full Membership subject to approved post-graduate experience.

Career Opportunities:
The majority of graduate Architectural Technicians are employed in private professional architectural offices. Other areas of employment are the architectural and technical sections of Government Departments, Semi-State bodies, Local Authorities, and the building industry generally, with contractors and manufacturers.

A number choose to work overseas for a few years to gain useful and wider experience.

Further Information:
Mr. James Horan
Department of Architecture and Town Planning.
Tel: (01) 872 7177.

Advanced materials testing in one of the engineering labs.

DT114 CONSTRUCTION TECHNOLOGY
CERTIFICATE/DIPLOMA

Course Description:
This is a three year full-time course leading to a Construction Certificate award after two years and a Diploma award on completion of an additional year. It is designed to meet the needs of the construction industry for technical staff having a sound understanding of the principles of construction and construction materials, together with a good appreciation of management skills and the economics of the industry.

First Year:

Second Year:

Third Year:

Students are encouraged to gain industrial experience during the summer vacation.

Duration:
Two/Three years full-time.

Location:
DIT Bolton Street.

Entry Requirements:
Leaving Certificate with passes in five subjects including Mathematics and English or Irish or An equivalent qualification.

Third Year (Diploma Stage): Applicants are expected to have reached a good standard at the end of Certificate or Second Year, or possess an equivalent qualification acceptable to the College.
Award: Students who successfully complete this course are eligible for the following awards:

Construction Technology Certificate (Dublin Institute of Technology).

Construction Technology Diploma (Dublin Institute of Technology).

Holders of the Diploma are entitled to Membership Part 1 of the Chartered Institute of Building following two years experience in building practice.

The Architects and Surveyor's Institute admits holders of the Diploma to Licentiate Membership.

Career Opportunities: These awards are particularly suitable for those who wish to attain positions relating to production planning, purchasing, quality control, estimating, surveying, inspection and general administration in the Construction Industry. They also provide a suitable background for those who wish to make their careers in building in the public sector (i.e. Central and Local Government).

The majority of past graduates work in building firms as Estimators, Building Surveyors, Programmers, Planners, Contract Managers and Site Managers. Many have attained a high level in management where they are now executive directors or managing directors. Other graduates are working for consultants in various capacities.

Further Information: Mr. E. De Búrca, Department of Surveying and Building Technology, Tel: (01) 872 7177.

DT115 GEO-SURVEYING CERTIFICATE/DIPLOMA

This full-time course prepares students for a Certificate award in Geo-Surveying after two years and a Diploma award on completion of an additional year. There is a good balance between the theoretical and practical aspects of Geo-Surveying thereby ensuring a sound undertaking of the applications of its technology. Project work is a significant feature of the course and it is an important element in the overall assessment.

Course Outline:

First Year:

Second Year: (Certificate Stage)

Third Year: (Diploma Stage)

Field Camps are conducted at the end of both the First Year and Second Year. In addition, students are encouraged to gain practical experience during the summer vacation.

Duration: Two/Three years full-time.

Location: DIT Bolton Street.
Entry Requirements:
Leaving Certificate with passes in five subjects including Mathematics and English or Irish or An equivalent qualification.
A modern continental language is desirable to facilitate subsequent movement to other EU countries for further study, work experience or employment.

Third Year (Diploma Stage): Applicants are normally expected to have reached Distinction or Merit level in the Certificate Examination at the end of the Second Year in order to qualify for admission into the Third Year. However, those holding a Pass Certificate and at least one year of appropriate post-Certificate experience will be considered for admission to the third year.

Award:
Graduates from this course are eligible for the following awards:
Certificate/Diploma in Geo-Surveying (Dublin Institute of Technology).
Holders of the Diploma (Diplomates) are eligible for exemptions from the Part I/II Land Survey Examination of the Royal Institution of Chartered Surveyors. Diplomates with appropriate experience are eligible for membership of the Irish Institution of Surveyors. Certificate and Diploma graduates have freedom of movement for employment within the EU and may also pursue further education programmes.

Career Opportunities:
The Geo-Surveyor may be employed in a wide variety of occupations such as with engineering, land survey and hydrographic consultancies as well as with mining, photogrammetric and construction companies. The work can be very varied due to the variety of survey sites requiring different techniques and equipment but generally the work involves the preparation of a plan for a development or the setting out of a design on the ground for construction. The Geo-Surveyor should have a preference for an outdoor life and an ability to co-operate and work in a team with other specialists. Sophisticated optical and electronic instruments are commonly used in conjunction with computers and microprocessors in Geo-Surveying and some specialise in the use of this equipment.

Further Information:
Mr. E. De Búrca,
Department of Surveying and Building Technology,
Tel. (01) 872 7177.
Students who successfully complete the course are eligible for the following awards:

**Certificate in Auctioneering Valuations and Estate Agency** (Dublin Institute of Technology) (after two years) and **Diploma in Auctioneering, Valuations and Estate Agency** (Dublin Institute of Technology) (after a further year).

**Career Opportunities:**

The course is suitable for those wishing to prepare for a career as an auctioneer, estate agent and property valuer and aims to give an understanding of the legal, economic and physical framework within which the property market functions. It also aims to give the basic skills needed to practice as an auctioneer.

The Diploma course meets the academic requirements of the Irish Auctioneers and Valuers Institute (IAVI) and is recognised by the Institute of Professional Auctioneers and Valuers (IPAV). These are professional bodies in the field of Auctioneering and Estate Agency in the Republic of Ireland. Students with the Diploma may pursue their studies to degree level by applying for entry to the Property Economics Degree course (FT110) at this College or by obtaining advanced entry into related degree courses in the UK. This course provides a route to obtaining membership of The Society of Chartered Surveyors and the Royal Institution of Chartered Surveyors in the U.K.

Auctioneers and Estate Agents are involved in the sales, lettings, management and valuation of property. Generally, they work either in partnerships or practice on their own account.

The career is suitable for those with an interest in people and in the built environment. Other desirable character traits are an outgoing nature together with an ability to get on with people.

**Further Information:**

Mr. E. De Búrca,
Department of Surveying and Building Technology,
Tel: (01) 872 7177.

**DT120**

**PRELIMINARY ENGINEERING**

**Course Description:**

This is a one year full-time course whose main purpose is to prepare students for entry into the first year of the College's Engineering Diploma/Degree Course FT125. It is suitable for students who have not satisfied the specified entry requirements in terms of Higher Level Mathematics or an appropriate Science subject.

**Course Outline:**

The subjects studied are: Mathematics, Mechanics, Engineering Technology, Physics, Chemistry, Engineering Drawing, Communications and Liberal Studies.

**Examination and Other Requirements:**

Students are required to:

(a) take College examinations at the end of each session.

(b) present laboratory notebooks and project work reports to the satisfaction of the College.

**Duration:**

One year full-time

**Location:**

DIT Bolton Street

**Entry Requirements:**

Leaving Certificate with passes in five subjects including Mathematics and English or Irish or an equivalent qualification.

In practice the typical candidate gaining admission will probably have a number of Honour Grades.

**Award:**

College Examination.

**Career Opportunities:**

Students who reach the required standard in the College examination may qualify for admission to the first year of course FT125 without further assessment and are notified of this in early July. They do not have to apply through the CAO/CAS system.

**Further Information:**

Mr. O. McNulty,
Department of Engineering Technology,
Tel. (01) 872 7177.
CIVIL ENGINEERING TECHNICIAN
CERTIFICATE AND DIPLOMA

Course Description:
This course prepares students for a Technician Certificate award in Civil Engineering at the end of two years and for a Technician Diploma award at the end of a further year of study. The students attend the College from September until the end of May each year and they are encouraged to spend the summer months gaining practical experience in approved Civil or Structural Engineering design offices, construction sites, etc. The course requires an analytical ability to understand and solve technical problems.

Course Outline:
First Year:

Second Year (Certificate Stage)
Structural Design and Detailing, Mathematics, Concrete, Geology and Soil Mechanics, Surveying, Construction Services and Supplies, Planning and Administration, Complementary Studies, Laboratory Work, German and Computing.

Third Year (Diploma Stage) - Structural Option.
Theory of Structures, Structural Design, Municipal Engineering, Structural Design (Steel/Concrete), Engineering, Mathematics, Computing, Management Studies and a Project.

Third Year (Diploma Stage) - Environmental Option.
Mathematics, Management Studies, Road Engineering, Sanitary Services, Waste Management, Environmental Impact Assessment, Environmental Studies (environmental economics, ecology, air and water pollution), Environmental Law, Planning and Building Regulations and a Project. This option will commence in session 1995/1996.

Examination and Other Requirements:
(a) Students take a College examination at the end of each session which is moderated by the Dublin Institute of Technology.
(b) They are required to submit reports on their project and laboratory work.

Duration: Two/three years full-time.

Location: DIT Bolton Street.
Entry Requirements:
Leaving Certificate with passes in five subjects including Mathematics, and English or Irish or an equivalent qualification.

Third Year (Diploma Stage): Students are expected to reach Distinction or Merit level in the Certificate Examination at the end of the second year to qualify for admission to the third year of the course leading to the Diploma award. Students who hold a Pass certificate and at least one year of appropriate post-Certificate experience may also be considered. The Diploma stage is made up of two options - Structural Design and Environmental Engineering. The Environmental Option will commence in the Academic year 1995/96.

Award:
Graduates of this course are eligible for the following awards:
Technician Certificate/Diploma in Civil Engineering (Dublin Institute of Technology)

Recognition by Professional Bodies
Those who have successfully completed the Certificate Stage of this course meet the academic requirements for Technician status with the Institution of Engineers of Ireland, while those who have completed the Diploma stage meet the Technician Engineer level and can qualify for the non-Corporate Associateship grade of membership after they have completed a suitable period of practical training.

Career Opportunities:
The qualification is appropriate to those wishing to enter engineering as a Technician specialising in Civil Engineering. Civil Engineering Technicians may be involved in the design and construction of buildings, bridges, roads, water supply, sanitary services etc. Graduates have prospects of employment in contracting firms, engineering design offices, state and semi-state bodies, and research organisations engaged in Civil Engineering work.

Further Information:
Mr. O. McNulty,
Department of Engineering Technology,
Telephone: (01) 872 7177.
Course Description:
This course prepares students for a Technician Certificate award in Building Services Engineering at the end of two years and for a Technician Diploma award at the end of a further year of study. The students attend the College from September until the end of May each year and they are encouraged to spend the summer months gaining practical experience in Heating, Ventilating and Air Conditioning in Consulting Engineers' offices and related industry. The course requires an analytical ability to understand and solve technical problems.

Course Outline:

First Year:

Second Year:
Mathematics, Thermal & Fluid Plant, Electrotechnology and Industrial Instrumentation, Complementary Studies, Environmental Plant Design, Lighting, Acoustics and Water Services, Environmental Engineering, Laboratory Work, a Project, Computing and German.

Third Year:

Examination and Other Requirements:
(a) Students take a College examination at the end of each session which is moderated by the Dublin Institute of Technology.
(b) They are required to submit reports on their project and laboratory work.

Duration: Two/three years full-time.
Location: DIT Bolton Street

Entry Requirements:
Leaving Certificate with passes in five subjects including Mathematics and English or Irish or an equivalent qualification.

Third Year (Diploma Stage): Students are expected to reach Distinction or merit level in the Certificate Examination at the end of the second year to qualify for admission to the third year of the course leading to the Diploma award. Students who hold a Pass certificate and at least one year of appropriate post-Certificate experience may also be considered.

Awards: Graduates of this course are eligible for the following awards:
Technician Certificate/Diploma in Building Services Engineering (Dublin Institute of Technology)
Those who have successfully completed the Certificate stage of this course meet the academic requirements for Technician status with the Institution of Engineers of Ireland, while those who have completed the Diploma stage are at Technician Engineer level and can qualify for the non-Corporate Associateship grade of membership after they have completed a suitable period of practical training.

Career Opportunities: This qualification is appropriate to those wishing to enter engineering as a Technician specialising in Building Services Engineering. Building Services Engineers are involved with the design and installation of all types of building services such as heating, ventilation, air conditioning, water and electrical services. They are also involved with the drafting, planning and management of projects and the maintenance of plant and equipment.

Graduates have good prospects of employment with mechanical services contractors and in design offices. The range of jobs available includes engineering design, maintenance engineering, consulting engineering and technical sales.

Further Information: Mr. O. McNulty, Department of Engineering Technology, Tel. (01) 872 7177.
MECHANICAL ENGINEERING TECHNICIAN
CERTIFICATE AND DIPLOMA

**Course Description:**
This course prepares students for a Technician Certificate award in Mechanical Engineering at the end of two years and for a Technician Diploma award at the end of a further year. The students attend the College for eight months each year commencing in September, and they are encouraged to spend the summer period getting practical experience in industry, design offices etc. The course requires an analytical ability to understand and solve technical problems.

**First Year:**

**Second Year:**

**Third Year:** Common Subjects - Mathematics, Electrotechnology and Electronics, Management Studies and Computing.

**Manufacturing Option:**

**Process Option:**

**Examination and other Requirements:**
(a) Students take a College examination at the end of each session which is moderated by the Dublin Institute of Technology.
(b) They are required to submit reports on their project and laboratory work.

**Duration:**
Two/three years full-time.

**Location:**
DIT Bolton Street

**Entry Requirements:**
Leaving Certificate with passes in five subjects including Mathematics and English or Irish or an equivalent qualification.

**Third Year: (Diploma Stage):** Students are expected to reach Distinction or Merit level in the Certificate Examination at the end of the second year to qualify for admission to the third year of the course leading to the Diploma award. Students who hold a Pass certificate and at least one year of appropriate post-Certificate experience may also be considered. The Diploma stage is specialised. At present two options are offered - Manufacturing Technology or Process Plant.

**Award:**
Graduates of this course are eligible for the following awards:

- **Technician Certificate/Diploma in Mechanical Engineering** (Dublin Institute of Technology)

Those who have successfully completed the Certificate stage of this course meet the academic requirements for Technician status with the Institution of Engineers of Ireland. Those who have completed the Diploma stage are at Technician Engineer level and can qualify for the non-Corporate Associateship grade of membership after they have completed a suitable period of practical training.

**Career Opportunities:**
The qualification is appropriate to those wishing to enter engineering as a Technician specialising in Mechanical and Manufacturing Engineering. Mechanical Engineers and Technicians are concerned with the design, manufacture and installation of all types of equipment ranging from individual items to complete factories or process plants. They may also be involved in operation design, detail planning, management of projects and with plant maintenance.

Graduates have prospects of employment in manufacturing or processing firms, research organisations, as well as state and semi-state agencies.

**Further Information:**
Mr. O. McNulty,
Department of Engineering Technology,
Tel. (01) 872 7177.
TECHNICIAN CERTIFICATE IN PRINTING/DIPLOMA IN PRINTING MANAGEMENT

Course Description:
This course is designed to prepare young people for technical/managerial positions in printing and related industries. The course leads to a Certificate award in Printing after two years of study and to a Diploma Award in Printing Management after a further year's study.

Course Outline:
First Year:

Third Year:
The following subjects are included in the Diploma (third year) programme:- Management Accountancy, Marketing, Estimating, Production Planning, Quality Management, Costing, Computer Science, Languages, Management Science, and a major Project.
Duration: Two/Three years full-time.
Location: DIT Bolton Street.
Entry Requirements: Leaving Certificate with passes in five subjects including Mathematics and English or Irish or an equivalent qualification.

Diploma Stage (Third Year): Certificate in Printing with Distinction or Merit or a Pass with one year of relevant work experience or an acceptable equivalent qualification.

Award: Graduates from this course are eligible for the following awards:
(a) Technician Certificate in Printing (Dublin Institute of Technology);
(b) Diploma in Printing Management (Dublin Institute of Technology).

Career Opportunities: The majority of graduates to date have found positions in printing, packaging, publishing or advertising firms in the following areas: Estimating, Production Planning, Cost Accountancy, Marketing, Quality Management, Customer Services and Technical Liaison.

Further Information:
Mr. Brian Kennedy, Department of Printing and Graphic Communications, Tel (01) 872 7177.
DIPLOMA IN GRAPHIC REPRODUCTION TECHNOLOGY

Course Description:
This one year course in Graphic Reproduction Technology has been formulated in response to the needs of the graphic industries for creative personnel with experience of the production and finishing processes in the graphic arts.
Students following this Graphic Reproduction Technology course design and process a wide range of items for print production. Subjects covered include Graphic Design, Typographic Design, Desk Top Publishing etc. Extensive hands on experience in the various laboratories is a feature of the course and from the skills acquired students are expected to produce finished products from their own designs. The objectives were formulated in consultation with interested bodies in the graphic communications industries, following an assessment of the requirements for print designers.

Course Outline:

Duration: One year full-time
Location: DIT Bolton Street.

Entry Requirements:
National Diploma in Design or National Certificate in Design with Distinction or Merit or National Certificate in Design plus one year's relevant experience or equivalent qualifications.
Intending students should apply to DIT Admissions Office, 30 Upper Pembroke St., and are required to present a portfolio of recent work.

Award:
Graduates of the course are eligible for the following award: Diploma in Graphic Reproduction Technology (Dublin Institute of Technology).

Career Opportunities:
Graduates find suitable employment with advertising agencies, design studios, printing firms and publishing companies. They should also be capable of setting up and running their own studios.

Further Information:
Mr. Brian Kennedy
Department of Printing and Graphic Communications, Tel. (01) 872 7177.

TECHNICIAN CERTIFICATE IN TRANSPORT ENGINEERING - DIPLOMA IN MOTOR INDUSTRY MANAGEMENT

Course Description:
This full-time course is designed to give students a good overall knowledge of the Motor Industry. All aspects of the industry are covered with emphasis on the technical side for the first two years and the managerial/administrative side for the the final year.
The course leads to the award of a Transport Engineering Technician Certificate at the end of two years study and to the award of the Diploma in Motor Industry Management at the end of a further year's study.

First Year:

Second Year:

Third Year:

Examination and Other Requirements:
Progress to successive years of the course will be on the basis of the student's work during the session, and success in the College sessional examinations. Only students who successfully complete the Certificate stage and who display an aptitude for management will be accepted for the Diploma stage. A requirement of the course is that students spend 2-3 months of each summer vacation in suitable employment in the Motor Industry gaining appropriate experience. Where students are unable to arrange this employment, the Institute of the Motor Industry, the College Authorities and the Student Society of Motor Industry Management may assist in their placement.
Duration: Two/three years full-time.

Location: DIT Bolton Street

Entry Requirements: Leaving Certificate with passes in five subjects including Mathematics and English or Irish or an equivalent qualification.

Awards: Graduates of this course are eligible for the following awards:
- Technician Certificate in Transport Engineering (Dublin Institute of Technology)
- Diploma in Motor Industry Management (Dublin Institute of Technology)

Career Opportunities: There are many and varied career opportunities in the automobile and transport industries for those completing these courses including the following: Vehicle Body Repair Supervisor, Garage Service Department Supervisor, Reception Engineer, Vehicle Salesperson, Training Advisor, Vehicle Finance Company Representative. Generally they progress to more senior management positions in the Retail Motor Industry or Transport Industry.

Further Information: Mr. Dominick Tuite, Department of Transport Engineering, Tel. (01) 872 7177.

DT171 BUILDINGS MAINTENANCE TECHNICIAN CERTIFICATE COURSE

Course Description: This two-year full-time course has been developed to prepare students for a Technician Certificate award in Buildings Maintenance. The programme extends over the full academic session from September to June. The course has a good balance between the theoretical and practical aspects of the building industry and participants are given an appreciation of a range of construction skills. Students are encouraged to spend the summer vacation gaining practical work experience in the areas of Building Maintenance and Inspection, Building Supplies, Technical Sales and related activities.

Course Outline: First Year:

Second Year:
Duration: Two years full-time.

Location: DIT Bolton Street

Entry Requirements: Leaving Certificate with passes in five subjects including Mathematics and English or Irish or An equivalent qualification.

Award: Students who successfully complete the course are eligible for the following award: Buildings Maintenance Technician Certificate (Dublin Institute of Technology)

Career Opportunities: The Buildings Maintenance Technician may find employment in a variety of areas such as Buildings Maintenance, Maintenance Contract Administration, Building Inspection, Building Supplies and DIY Sales, Technical Sales, Trainee Estimating, Purchasing Officer. There may also be opportunities in this area for self employment.

Further Information: Mr. J. Bernie, Department of Construction Trades, Tel. (01) 872 7177.