2005-9

DIT Undergraduate Full-Time Prospectus : 2005

Dublin Institute of Technology

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<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>September</td>
<td>Wednesday 1st: Commencement of Session</td>
</tr>
<tr>
<td></td>
<td>Monday 6th: Interviews and enrolments for part-time and evening courses commence</td>
</tr>
<tr>
<td></td>
<td>Monday 13th: 1st Year courses commence with the induction programme. Commencement of part-time courses in Music &amp; Drama</td>
</tr>
<tr>
<td></td>
<td>Monday 20th: Second and subsequent years of all whole-time courses commence. Part-time day and evening courses commence</td>
</tr>
<tr>
<td>December</td>
<td>Friday 17th: Final class meetings of first term for full time students</td>
</tr>
<tr>
<td></td>
<td>Saturday 18th: Final class meetings for part-time students in Music &amp; Drama</td>
</tr>
<tr>
<td>2005</td>
<td>Term 2</td>
</tr>
<tr>
<td>January</td>
<td>Monday 10th: Classes resume</td>
</tr>
<tr>
<td>March</td>
<td>Friday 18th: Final class meetings of second term</td>
</tr>
<tr>
<td>2005</td>
<td>Term 3</td>
</tr>
<tr>
<td>April</td>
<td>Monday 4th: Classes resume</td>
</tr>
<tr>
<td></td>
<td>Friday 6th: Final class meetings of third term</td>
</tr>
<tr>
<td></td>
<td>Monday 9th: Examinations commence</td>
</tr>
<tr>
<td>May</td>
<td></td>
</tr>
</tbody>
</table>

- Classes are not scheduled on public holidays during the session (viz. 25th October, 17th March; 2nd May; 6th June).
- Classes are not scheduled from Monday 20th December to Friday 7th January inclusive or from Monday 21st of April to Friday 1st April inclusive.

DATES FOR APPRENTICESHIP AND CERT RELATED PROGRAMMES DIFFER FROM THE ABOVE. DETAILS SHOULD BE OBTAINED FROM THE RELEVANT SCHOOLS/DEPARTMENTS

DIT reserves the right not to offer any particular course/programme where the number of students enrolling for the course/programme at the commencement of any year is considered by DIT at its absolute discretion to be inadequate to justify the running of the course/programme.

The information in this booklet is intended as a guide to persons seeking admission to the Institute and shall not be deemed to constitute a contract between the Dublin Institute of Technology and an applicant or any third party.

References to the requirements of outside professional bodies are not intended to be complete or exhaustive nor indeed absolutely correct at the time of publication since they are subject to change. Accordingly, those interested are advised to make direct contact with the professional bodies concerned to ascertain their up-to-date requirements.

Every effort is made to ensure the accuracy of the information in this publication. However, the Institute reserves the right to amend, change or delete any programme of study or academic regulation at any time having given due consideration to students who are already enrolled. Furthermore, the Institute reserves the right to alter or delete any of the information included at any time and it shall not be bound by any errors or omissions and cannot accept liability in respect thereof.
Dublin Institute of Technology is one of Ireland's largest and most innovative institutions of higher education. Since its establishment in the late 1880's the Institute has been a landmark in education in Dublin. Today, DIT has its own degree awarding powers, and has more than 20,000 students and 2,000 staff.

DIT now incorporates some of Dublin's best-known colleges, including Kevin Street, Bolton Street, Mountjoy Square, Cathal Brugha Street, Aungier Street, Rathmines and Chatham Row. These locations, all close to Dublin's city centre, are the Institute's major campus sites.

DIT is unique in the range of career-focused programmes it offers to full-time, part-time and apprentice students. Close links with industry at every level result in a very high success rate for graduates in finding employment related to their field of study, moving into research or using the skills they have learnt to establish new businesses.

Making a choice of subject area and place to study are major decisions and it is important to try to brief yourself as fully as possible before you choose. Please feel free to contact any of our academic or support staff to seek the information you need to make up your mind, or come and visit us to find out more.

Good luck with your application and I hope that we may see you on campus in DIT in 2005!

Professor Brian Norton
President

September 2004

The Dublin Institute of Technology is a publicly-funded, autonomous higher education institute, and is a member of the European University Association. DIT was granted degree awarding powers in 1998 and makes awards at Higher Certificate, Diploma, Ordinary Degree, Honours Degree, Masters and PhD levels.

Honours Degrees are awarded with grades of Pass, Lower Second Class Honours, Upper Second Class Honours or First Class Honours.

Ordinary Degrees are awarded with grades of Pass, Merit Lower Division, Merit Upper Division or Distinction.

Higher Certificates are awarded with grades of Pass, Merit Lower Division, Merit Upper Division or Distinction.

Within the structure of the new National Framework of Qualifications each award now has a specific level as follows:

- Honours Degrees: Level 8
- Ordinary Degrees: Level 7
- Higher Certificates: Level 6
- Foundation Certificates: Level 6

The level of DIT programmes is shown at the beginning of each entry in this prospectus. These levels will be used on the CAO application form and web-site in 2005.
DIT and is built on the historically important site of the old Jacobs Biscuit factory.

The Faculty of Business, which is also the largest business school in Ireland, and the School of Media are based in Aungier Street. Student facilities include the excellent library; Students' Union area; computer rooms and cafeterias. Many conferences and lecture series also take place in this location during the academic year.

DIT Rathmines Road and Chatham Row

Students in the Conservatory of Music and Drama will attend classes in Chatham Row, which is close to Grafton Street and Stephen's Green, or in DIT Rathmines Road, a landmark building next to the Rathmines Public Library. Facilities in both buildings are geared to music and drama rehearsal and performance for students from junior level up to postgraduate.

The theatre in Rathmines Road is used throughout the year for public recitals and other performances. The music library is also based in Rathmines Road. The offices of the President of DIT Students' Union and the manager of the Union are located here also.

DIT Cathal Brugha Street

Situated at the top of O'Connell Street, DIT Cathal Brugha Street has been synonymous with the hospitality and catering industry in Ireland since 1841. The Faculty of Tourism and Food is based here, although certain lectures may take place in some other locations close by. A number of the programmes offered by the Faculty here are unique in Ireland and the facilities include specialised laboratories, kitchens and restaurants.

DIT Bolton Street and Linenhall

One of DIT's most historic buildings, Bolton Street was specifically designed and built for technical and technological education in 1911, on the site of what was once the European Hotel. Since then, and up to the present day, it has been a centre of leading edge technological education in the Faculties of the Built Environment and of Engineering.

Located in Dublin's north inner-city, Bolton Street is within minutes of shopping areas in Henry Street and Parnell Street, as well as the old city markets and the newly refurbished Smithfield. Bolton Street and Linenhall, its sister building across the road, are home to students of architecture, mechanical and civil engineering, environmental planning and construction skills, from apprentice to postgraduate levels. The recreational facilities provided on campus is the gymnasium in Linenhall, which is equipped with resistance and cardio-vascular training equipment.

DIT Mountjoy Square

Also in the north inner-city, Mountjoy Square is one of Dublin's original Georgian squares. On the southern side of the square, DIT's extensive campus houses the School of Art and Design and the School of Social and Legal Studies. The facilities include a range of specialist studios and computer labs, as well as lecture theatres and library. Students of Fine Art are based in the building, the offices of the President of DIT Students' Union and the manager of the Union are located here also.

Details on campus sites and how to get there are available on www.dit.ie.
STUDENT SERVICES

Students at DIT have many support networks, services and facilities available to them. As a prospective student look and see what is on offer:

Library and Information Service

With your DIT student ID card, you can access the library service at any of DIT's campus sites. Our libraries currently stock collections in excess of 200,000 items and subscribe to approximately 1,800 journal titles. Although not all located on one site, they are computer-networked and share a common database. The entire holdings of the libraries, their locations and current status are displayed on the OPAC (On-line Public Access Catalogue) in each centre and on the internet, and registered students may borrow from any of the library locations.

The library provides a place to study, as well as the books, reference works and course materials students require. Material are available in many formats, including, books, videos, slides, tapes, computer disks, CD ROMS, etc. and there are special information tools to assist you in searching for the information you require. Library staff are always available to help you if you are unsure where or how to find the information you require, and learning how to use the resources will be a great advantage to you throughout your studies.

Computer Services

As a registered student you will have access to DIT's extensive computer technology services. These include e-mail, internet, e-learning facilities and support services. DIT has the highest level of connectivity of any higher education institution, and students enjoy access to computer labs on campus and in the libraries.

Increasingly most of the business of the Institute, both academic and administrative, is conducted electronically and the Information Services provides a professional and efficient service across the Institute.

Careers service

Why not take the opportunity to talk to a careers adviser about your ideas and plans for the future in a friendly relaxed environment? Each faculty has a specific careers adviser who you can contact directly or through the Student’s Union. Log on to www.dit.ie/careers and see the range of services and resources we provide.

Counselling Service

The Counselling service, staffed by counselling psychologists, is available to help students to identify worries - large or small - that might affect their academic or their personal development. The service is available at each of the main campus sites and provides a safe, supportive place where you can talk about any issue that might be troubling you in total confidence. Recognising that you need to talk to someone is not a sign of weakness and seeking help early on can ensure that a problem can be addressed and pressure relieved to enable you to cope with your studies as well as with other aspects of your life. The Counselling service is entirely confidential and any student is welcome to make an appointment.

Chaplaincy

An inter-faith ecumenical Chaplaincy service provides support and care for the personal, social and spiritual lives of students and staff on campus in DIT, and contributes in no small way to the sense of community in the Institute. There is a Chaplain available in each of the main campus locations and you are welcome to call at any time. The Chaplain is there to listen and to offer assistance with any difficulties you may encounter during your time in college. She can also help you to access the network of student support services in the Institute. The Chaplaincy also provides opportunities to get involved in social justice issues or community building projects, and facilitates students working in peer support groups, assisting children in local disadvantaged schools, or contributing to other meaningful projects.

Access Programme

DIT is committed to increasing the representation of students from socio-economic groups where there is not a tradition of higher education. The institute recognises the prevalence of various impediments which may be experienced by such students in reaching their full educational potential and launched its dedicated programme on a pilot basis in 2000. Known as LEAP (Literacy, Educational Access Programme) it aims to facilitate greater participation in tertiary education at DIT among students from under-represented socio-economic groups. Once registered, a range of supports is provided to assist students with any academic, economic and personal issues that may arise. Up to 80 places were reserved for LEAP students in the 2004-2005 academic year.

For more details, you can contact the Institute’s Access Officer or see www.dit.ie/DIT/access/index.html

Student Accommodation Service

The Student Accommodation Service is an information service provided by the Student Services Office in co-operation with the Students’ Union. A list is produced showing details of available living accommodation, both self-catering and lodgings. The list is available at the internet site www.findahome.ie

The selection of the accommodation and the terms of agreement or contract is entirely a matter between the individual student and the householder or owner. Prospective students should note that the Institute does not at present have on-campus accommodation.

Student Assistance Fund

The Student Assistance Fund can provide limited support for full-time DIT students who are experiencing temporary or unforeseen financial hardship due to a major change of circumstances, by making grants having regard to the individual's needs. Students normally referred to the fund by Student Counsellors, Chaplains, Course Tutors or Students’ Union Welfare Officers.

Child Care Support Fund

The Child Care Support Fund is a scheme which may provide a subsidy towards the cost of child care during the academic year to a limited number of full-time students who are parents.

Student Personal Accident Insurance

All DIT full-time registered students are covered by a Personal Accident Insurance Scheme. Cover is provided for a wide range of benefits (subject to some exclusions) in respect of certified accidents, whether occurring on DIT premises or otherwise.

Student Health Service

Health centres are located in Aungier Street for the south city DIT centres and in Linenhall (Bolton Street) for the north city DIT centres. The health centres are staffed by nurses and doctors whose function is to provide a service for general health treatment and care. This service is free to full-time students. Assistance with the cost of specialist consultations and with routine dental and ophthalmic treatment is available to needy students. Students should obtain a Medical Card if they are entitled to one.

Student Personal Accident Insurance

Haileybury College and Societies (belonging to Educational Access Programme) It aims to facilitate greater participation in tertiary education at DIT among students from under-represented socio-economic groups. Once registered, a range of supports is provided to assist students with any academic, economic and personal issues that may arise. Up to 80 places were reserved for LEAP students in the 2004-2005 academic year.

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STUDENT ACTIVITIES

Clubs and Societies

Clubs and Societies are an important – even essential – part of life in any third-level institution, and there are over 150 Clubs and Societies active in DIT, initiated and run by students. Being active in any club or society is an excellent way of getting to know other students with similar tastes and interests, and especially to meet students in different faculties or pursuing different programmes of study. Becoming involved in the running of clubs and societies can provide good experience in organisation and management, leadership and teamwork. Students encourage students to take part in the activities that interest them, for the social as well as the educational benefits.

Sport and Recreation

DIT has a very active sports community, with students participating in forty different sports activities. The Sports Committee organises a wide range of clubs that are open to all students, including athletics, basketball, Gaelic games, judo, swimming, etc. In addition, on each campus location the local Sports Council also co-ordinates a range of popular team games as well as individual sports. All DIT students are free to use the sports facilities on any of the campus sites, including the swimming pool in Kevin Street, the gymnasium in Linenhall, and the playing fields in Grangegorman, where the new DIT campus will be built.

Cultural and Social

Non-sporting activities are also fully catered for in DIT. Each campus has a Cultural and Social Council which organises a wide variety of clubs and societies, many of which are related to specific programmes and provide an extra dimension to the academic content of these programmes. In addition, the DIT Cultural and Social Committee, which comprises representatives of all the centres, organises clubs and activities which are open to all DIT students.

DIT Students’ Union

DIT Students’ Union 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 through the various committees of the Institute. The Students’ Union also operates a number of commercial services, including on-campus shops, photocopying, the issue of International Student Identity Cards and Ust travel tickets. It also organises gigs, concerts, discos and other social events.

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

Scholarship

Sports Scholarships, with a maximum value of €1,270 each, will be awarded to top quality performers in 2005. There are twenty scholarships available to those who reach a very high level of performance i.e. competing at international, national, inter-county or inter-provincial standard. Application forms are available on our web-site www.dit.ie

Entrance Scholarships (€1,000 each) will be awarded to students entering programme DT341 (Marketing Honours Degree) and programme DT365 (Business & Management Honours Degree) who achieve 500 points or more in the Leaving Certificate Examination in the year of entry.
INFORMATION ON ELIGIBILITY AND SELECTION

1. To be eligible for consideration for a programme an applicant must possess the minimum entry requirements for that programme.

2. Where a programme requirement is 2 or 3 honours, grade C3 or better on Higher Level Leaving Certificate papers is needed to meet such a requirement. (Grade HC or better prior to 1992).

3. Where a specific grade is required in a subject (HC3, OR3 etc) an applicant must achieve that grade or better in order to be eligible for consideration. (H = Higher Level; O = Ordinary Level).

4. In the case of both Higher and Ordinary Level Leaving Certificate results, grades lower than D3 are not acceptable for eligibility purposes or for points calculation.

5. For the purpose of meeting minimum entry requirements, results from any number of sittings of the Irish Leaving Certificate Examination may be combined.

6. 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 Examination.

7. Matriculation Examinations will not be accepted either for the purpose of meeting minimum entry requirements or for calculating examination scores.

8. In the case of course DT021 (Electrical/Electronic Engineering Honours Degree) weightings will be applied to certain Leaving Certificate subjects. See entry in the Faculty of Engineering booklet.

9. Selection for entry to DIT programmes will be determined on the basis of examination score except in the case of programmes which involve suitability tests, interviews and other assessment procedures. All suitability tests/interviews/auditions will be carried out during the period March-May each year (see next page).

10. Demand usually exceeds the number of places available and therefore examination results better than the minimum requirement are likely to be required.

11. When a number of applicants have the same points score, a random number is attached to the score for each course preference. This will then determine the position of each applicant on the waiting lists for offers.

12. Entry points

- Entry points for 2003 are included in each programme entry.
- At the time of publication entry points were not available for programmes commencing in 2004.

These can now be viewed on our web-site at www.dit.ie or can be obtained in a printed version from the Admissions Office (Tel 01 402 3445).

This printed brochure will be circulated to all second-level schools in October 2005.

SUBMISSION OF PORTFOLIOS

Applicants for programmes DT559, DT544, DT545, DT546 and DT515 must submit a portfolio of work to DIT Portland Row, Dublin 1, on either Thursday 10th or Friday 11th March 2005 between 9.30 am and 4.40 pm each day. A receipt will be issued stating the date the portfolio must be collected which will be approximately 10 days after submission. The portfolio is used to review the applicant’s potential to benefit from, and contribute to, the programme(s) chosen with regard to the following evaluation criteria:

1. Evidence of Drawing ability should be demonstrated through:
   - examples of freehand, observation and/or
   - technical drawing
   - use of colour and texture
   - variety of subject and media.

2. Evidence of Practical ability should be demonstrated through:
   - skills in visualisation (3D and 2D)
   - quality of presentation
   - control over media.

3. Evidence of Conceptual ability should be demonstrated through:
   - investigation
   - idea generation
   - imagination and creativity.

The following marking scheme will apply to each of the above criteria and this total score will be converted to the range 0 - 600

<table>
<thead>
<tr>
<th>Score</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Unsuitable</td>
</tr>
<tr>
<td>1</td>
<td>Suitable</td>
</tr>
<tr>
<td>2</td>
<td>Very suitable</td>
</tr>
<tr>
<td>3</td>
<td>Exceptional</td>
</tr>
</tbody>
</table>

Applicants achieving the grade 3 in each of the criteria will receive a maximum score of 600 when converted to the 0-600 scale, while an applicant achieving at best the grade 1 in just one of the categories will receive a score of 67, the minimum deemed suitable for consideration.

In the case of Photography (DT559) a minimum portfolio review score of 300 is required. The portfolio should contain not more than 20 pieces of work made by the applicant, in a range of media. This may include paintings, drawings, sketches, note books, sketch books, collages, photographs and computer outputs (do not submit CDs, zips or floppy discs). Submit only photographs of 3 - dimensional or delicate work. Do not submit work that has been framed or mounted behind glass. Please arrange the contents in an orderly and accessible manner in a secure folder. While all care will be taken, the school cannot be held responsible for damage or loss of work during the review process or for portfolios not collected by the due date. Failure to submit a portfolio will render an applicant ineligible for any of the above programmes. Portfolios received after the above submission dates will not be reviewed.

Portfolios should be securely bound and clearly identified with name, address and CAO number (if available at the time of submission)

The decision of the review panels will be final.

No further communication will be issued to applicants regarding the submission or review of portfolios.

SUITABILITY TESTS
AUDITIONS/INTERVIEWS

Applicants for programmes DT101 and DT105 may be required to sit a suitability test which will be used to determine which applicants are called to interview. Applicants who do not meet the required standard in the suitability test will not be called for interview and will not be considered further for the programme(s) involved.

All applicants for programmes DT501, DT526, and DT527 are required to attend an audition/interview which will be used to determine which applicants are short-listed for entrance tests.

Failure to attend a test/audition/interview, or failure to meet the required standard, will result in an application for the programme involved being rejected and the candidate not being considered further for them. All assessments will take place during the period March-May each year.

Precise information on dates and times of tests/auditions/interviews will be notified directly to each applicant. Due to the large number of applicants and the difficulties in scheduling, applicants should be prepared to attend for assessments at short notice during the above period. The Institute cannot make special arrangements for those who do not respond to, or are not available to deal with, correspondence in respect of tests/interviews.
POINTS SYSTEM FOR ALL PROGRAMMES

This table shows the number of points awarded to each grade in the Irish Leaving Certificate Examination.

<table>
<thead>
<tr>
<th>Grade</th>
<th>A Level</th>
<th>GCSESE</th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>180</td>
<td>55</td>
</tr>
<tr>
<td>B</td>
<td>160</td>
<td>40</td>
</tr>
<tr>
<td>C</td>
<td>140</td>
<td>25</td>
</tr>
<tr>
<td>D</td>
<td>120</td>
<td>0</td>
</tr>
</tbody>
</table>

ASSESSMENTS

This table shows the maximum points allocated for assessment procedures. The points achieved by applicants who are successful in any of these assessments will be added to their Leaving Certificate points score.

<table>
<thead>
<tr>
<th>Code</th>
<th>Suitability Test</th>
<th>Interview</th>
<th>Portfolio</th>
<th>Auditions/Review</th>
<th>Higher Level Grades</th>
</tr>
</thead>
<tbody>
<tr>
<td>D10</td>
<td>100</td>
<td>100</td>
<td>0</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>D10B</td>
<td>100</td>
<td>100</td>
<td>0</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>D10C</td>
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<td>100</td>
<td>0</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>D10D</td>
<td>100</td>
<td>100</td>
<td>0</td>
<td></td>
<td>4</td>
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<tr>
<td>D10E</td>
<td>100</td>
<td>100</td>
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<td></td>
<td>5</td>
</tr>
<tr>
<td>D10F</td>
<td>100</td>
<td>100</td>
<td>0</td>
<td></td>
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INTERNATIONAL BACCALAUREATE

<table>
<thead>
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<th>Points</th>
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<tbody>
<tr>
<td>Baccalaureate</td>
<td></td>
</tr>
<tr>
<td>Higher Level</td>
<td></td>
</tr>
<tr>
<td>Grades</td>
<td></td>
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<tr>
<td>7</td>
<td>180</td>
</tr>
<tr>
<td>6</td>
<td>160</td>
</tr>
<tr>
<td>5</td>
<td>130</td>
</tr>
<tr>
<td>4</td>
<td>100</td>
</tr>
</tbody>
</table>

The Dublin Institute of Technology will consider applications from candidates presenting the International Baccalaureate Diploma. Applicants who satisfy the minimum requirements and any special programme requirements will be assessed on their performance in their three best higher level subjects and will be awarded points as in the table above.

LEAVING CERTIFICATE APPLIED PROGRAMME

The Leaving Certificate Applied Programme will not meet entry requirements and will not be awarded points.

LEAVING CERTIFICATE VOCATIONAL PROGRAMME-LINK MODULES

The Institute recognises the LCVP for admission purposes and results in the Link Modules element of the programme will be considered as follows:

| Distinction | 70 points |
| Merit      | 50 points |
| Pass       | 30 points |

The Link Modules may be used as one of the six subjects for overall points calculation but will not be considered as a subject for the purposes of minimum entry requirements.

FURTHER EDUCATION AND TRAINING AWARDS COUNCIL (FETAC)

The Institute allocates a number of places on full-time third-level programmes leading to a DIT Higher Certificate or Ordinary Degree award for students who successfully complete relevant Post-Leaving Certificate courses leading to FETAC awards. Applicants presenting these FETAC awards will be assessed on the basis of the results achieved in each module and points will be awarded on the following basis:

| Distinction | 3 points |
| Merit      | 2 points |
| Pass       | 1 point  |

Places will be allocated using the points score accumulated by each applicant. Applicants who do not obtain one of these places may still compete on the basis of the Leaving Certificate results in the normal manner. Full details of the scheme are distributed to Guidance Counsellors in all second level schools and are also available from the Admissions Office.

RE-ADMISSION

Applicants who have unsuccessfully attended a DIT programme may not re-enter the same programme save in exceptional circumstances. Such applicants must, in the first instance, contact the Admissions Office at 30 Upper Pembroke Street Dublin 2 and obtain a re-admission application form. Completed forms should be returned to the Admissions Office not later than 31 March each year.

HOW TO APPLY

Application for admission to 1st year of any undergraduate programme must be made directly to:
Central Applications Office,
Tower House,
Eglinton Street,
Galway.

The application form and handbook are available from CAO. The handbook should be read carefully before submitting an application. Applications can now be submitted to CAO using the Internet (www.cao.ie).

FOUNDATION LEVEL IRISH

The Institute will not consider Foundation Level Irish for the purposes of entry requirements or for points.

FOUNDATION LEVEL MATHEMATICS

The Institute will accept Foundation Level Mathematics for the purposes of entry requirements in the case of any programme where Higher or Ordinary Level Mathematics is not a requirement.

Points will not be awarded.
The closing date for receipt of applications at the ordinary fee for EU applicants is 1st February each year. Late applications may be made after this date but not for any of the following programmes:

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<th>Degree</th>
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The reason for the restriction in the case of the above programmes is the inclusion of suitability tests and other assessments as part of the selection process. These programmes are marked 'restricted' in the CAO Handbook.

**FINDING OUT ABOUT PROGRAMMES AND CAREERS**

There are many sources of information, some of a general nature, some more specific which will help give you an insight into different careers and the related third-level programmes. Examples include:

- DIT Open Day
- DIT website (www.dit.ie)
- Guidance Counsellors, School Principals, Subject Teachers
- DIT Prospectuses and Faculty Booklets
- Television Programmes/Radio Programmes
- Books, Pamphlets, Videos in your School or Public Library
- Careers Exhibitions/Seminars
- The publications of professional institutions and societies such as accountancy bodies, engineering institutions, etc.
- Newspaper articles
- Open Days
- Make contact with people of your own acquaintance who are already qualified and working in a job area of interest to you and who can talk with you about their own experiences.

**DEFERRED ENTRY**

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 and then take the following steps:

1. The successful applicant should not accept the place offered.
2. 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. The CAO offer notice should be included.
3. The written request must be received in the Admissions Office not later than two days before the closing date for acceptance of places in the particular offer round.
4. If the request for deferral is granted the applicant will be advised in writing and a place on the programme involved will be reserved for him/her for the following year.
5. If the request is not granted, the applicant will be notified in writing and may then accept an offer for the current year.
6. Applicants who are granted deferral will be required to:
   a. submit an application to CAO for the deferred programme by 1st February in the following year.
   b. include on this application the deferred programme as the first and only preference.
   c. advise the Admissions Office in writing of their new CAO application number by 30 April.
7. Applicants who do not follow the above instructions will have the deferral place canceled.
8. Applicants who request deferral in order to take up another 3rd level place in the CAO system will not be granted deferred entry.

**MATURE APPLICANTS**

The Institute welcomes applications from Irish and other EU citizens who will be 23 years of age on 1st January of the proposed year of entry and who wish to be admitted as mature students. Already there are almost 300 mature students attending full-time programmes in DIT, contributing greatly to the academic and social life of the Institute. Applicants should apply through CAO on or before 1st February each year. Late applications will not be considered. Additional information for mature applicants is available from the Admissions Office 01 402 3445.

Mature applicants are not required to meet the normal minimum entry requirements. Consideration for admission to most programmes involves an interview and in the case of a small number of programmes there will be additional selection procedures including suitability tests, auditions or portfolio submissions.

**APPLICANTS WITH DISABILITIES**

The Dublin Institute of Technology is an equal opportunities institution and welcomes applications from students with disabilities. The Institute will endeavour to ensure that appropriate facilities are available to allow full access and participation for all students.

Applicants who feel that they cannot achieve their full academic potential because of a physical or sensory disability, specific learning disability (dyslexia) or significant medical or health condition should tick the appropriate box on the CAO application form. CAO will then forward a supplementary form which must be completed and returned by the designated date.

Documentation relating to the disability must accompany the application. Applicants are welcome to contact the Disability Liaison Officer (01 402 7857) to discuss any aspect of their application.

**ADVANCED ENTRY**

Applicants who already possess third-level qualifications, e.g. National Certificates and/or Diplomas, may be admitted to the more advanced stages of Ordinary or Honours Degree programmes. Such applicants should have an appropriate educational background and level of achievement which is closely related to the standard of the programme for which they have applied. Such students do not apply through CAO, but should complete a DIT Advanced Entry application form, available on request from the Admissions Office.

The closing date for submission of Advanced Entry Applications is 31 March each year. (1st February in the case of DT101, DT105, DT3593, DT3544, DT3545, DT3546, DT3501, DT3526, DT3527)

**APPLICANTS FROM NON-EUROPEAN UNION COUNTRIES**

The Institute is happy to consider applications from International (non-EU) applicants who are suitably qualified.

An International (non-EU) applicant is someone who does not satisfy both of the following requirements:

1. Hold EU nationality or official refugee status.
2. Have been ordinarily resident in an EU Member State for at least three of the five years preceding entry to DIT.

Note: where an applicant satisfies either the residency or nationality requirement, but not both, a different fee may apply.

The International Student Office can assess your status. Details on the annual tuition fee for international students in 2005 are available from the International Student Office or on our website www.dit.ie/international. International students must comply with Irish immigration requirements.

International (non-EU) applicants must submit an application to the DIT International Student Office as early as possible for entry in September each year. Only applications submitted to the DIT International Office will be considered. International applications for entry to Dublin Institute of Technology should not be submitted through the CAO system.

Application forms for entry in September 2005 are now available from:

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

Certified translations in English of qualifications and/or examination results must be furnished with each application along with a certified qualification of proficiency in English. Details on application requirements can be provided by the staff in the International Student Office who will be delighted to deal with any queries you might have and can be contacted as follows:

Telephone: +353 1 402 3438 / 402 7527
Fax: +353 1 402 3392
E-mail: international@dit.ie
Website: www.dit.ie/international
TRADE/CRAFT APPLICANTS

For many of the programmes which specify a pass in five subjects in the Leaving Certificate Examination as the entry requirement, the Senior Trade Certificate of the Department of Education and Science with one endorsement in Mathematics or a science subject will satisfy the minimum entry requirement. Students holding this Certificate with three endorsements in academic subjects are eligible for consideration for entry into related degree level programmes. 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 and Science is an acceptable equivalent.

FEES

EU Nationals who are first-time undergraduates and resident in an EU state for at least three of the five years preceding entry to the Institute are normally not required to pay tuition fees.

COMPUTER REGULATIONS

Staff and students are required to study and abide by the following codes:
* Regulations Governing the Use of Computer Resources
* Code of Conduct for the Use of Software and Datasets
* HEAnet Acceptable Usage Policy

These codes and other procedures are set out on the DIT Web Site (www.dit.ie) and are detailed under Use of IT and Internet Resources in the Regulations section of the Student Handbook and Diary which is issued to students at registration.

STUDENT REGULATIONS

Applicants who obtain places and subsequently register are required to read and abide by the Student Regulations of the Institute. Copies of the Regulations will be available at registration.
Faculty of Applied Arts

HONOURS DEGREE PROGRAMMES (LEVEL 8)
18 DT544 Design - Interior & Furniture
19 DT540 Design - Visual Communication
20 DT546 Fine Art
21 DT558 International Business & Languages (English)
22 DT555 International Business & Languages (French)
23 DT556 International Business & Languages (German)
24 DT557 International Business & Languages (Spanish)
25 DT553 Journalism with a Language
26 DT552 Media Arts
27 DT501 Music
28 DT528 Music Education
29 DT559 Photography
30 DT530 Printing Management
31 DT501 Product Design
32 DT571 Social Care

ORDINARY DEGREE PROGRAMMES (LEVEL 7)
31 DT526 Drama (Performance)
32 DT572 Early Childhood Care & Education
33 DT576 Social Care Practice

CERTIFICATE/OTHER PROGRAMMES (LEVEL 6)
34 DT515 Design Display
35 DT527 Music Foundation
Programme Description
The BA in Design – Interior and Furniture is aimed at people who wish to work in the area of interior and furniture design and has strong links with business and manufacturing industry. It is based around three areas of study – Major Study, Electives and Critical Theory. In the Major Study area, students engage in a fundamental and developmental study of design and specialise in Interior Design or Furniture Design in 3rd and 4th year. The Electives area enables students to broaden their visual education and they may study subjects like Painting, Sculpture, Typography, Multimedia Design and Landscape Photography. Critical Theory provides a theoretical framework for design practice and includes Design History, Design Theory, Research Methods, Psychology and Professional Practice. A written thesis is submitted in year four as part of the final assessment.

Career Opportunities
Graduates of the BA in Design – Interior and Furniture find work in interior design practices, architectural firms, furniture manufacturing firms, display and exhibition companies and as private designers.

Progression
Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in Higher Education.

Further Information
Secretary
School of Art, Design and Printing
Email: artdesignprinting@dit.ie
Website: www.dit.ie

Entry Requirements

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* Applicants must submit a portfolio on 10th or 11th of March 2005.

Main Locations
Mountjoy Square
Rathmines Road

GRADUATE PROFILE
Name: Jennifer Chan
Graduated: 2004
Current Status: Planning to do a Masters Degree in Design.

"What interests me the most is the redesigning of classic pieces. That is the ultimate challenge for me: reworking and improving well known, archetypal designs. Each piece of my work contains conscious references to its history. I believe this is important as it can directly influence our interaction with objects, making us more aware of their social context and our relationships with them."


Programme Description
The BA in Design – Visual Communication is aimed at people who wish to become creative graphic designers, typographers, image makers, illustrators and digital media designers. It is based around three areas of study – Major Study, Electives and Critical Theory. In the Major Study area students engage in a fundamental, creative and developmental study of design which includes graphic design, typography, photography, illustration and multimedia. Students are expected to experiment with design ideas and techniques while developing an increasingly professional approach through participation in live projects and competitions. In the final year, students undertake a course of independent learning in design for print, image making and multimedia design. The Electives area enables students to broaden their visual education and subjects may include Painting, Sculpture, Printmaking, Interior Design, Furniture Design, CAD and Landscape Photography among others. Critical Theory provides a theoretical framework for design practice and includes Design History, Design Theory, Psychology and Professional Practice. A written thesis is submitted in year four as part of the final assessment.

Career Opportunities
Graduates of the BA in Design – Visual Communication work in design consultancies, advertising agencies, publishing, media groups and in private practice.

Progression
Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in Higher Education.

Further Information
Secretary
School of Art, Design and Printing
Email: artdesignprinting@dit.ie
Website: www.dit.ie

Entry Requirements

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* Applicants must submit a portfolio on 10th or 11th of March 2005.

Main Locations
Mountjoy Square
Rathmines Road

"The Cat Princess" by Ciara Houlihan
Graduate in Visual Communication 2004

(photo by Gillian Buckley)
The primary aim of the programme is to educate students in fine art practice and theory. Students will learn to develop a critical and informed understanding of fine art and its contexts, enabling them to discover and develop their personal creative languages and styles. The programme provides students with the skills to challenge and question existing assumptions and to develop critical and creative thinking enabling them to become active participants in the learning dynamic.

Specialist areas of study include painting, sculpture, print media and interdisciplinary study which offers the opportunity to work in a variety of business tasks. They achieve a good working competence in a second foreign language which is taken at beginners level. Students on this stream spends the third year studying English and Business Modules at DIT or else studying their minor language at a partner institution abroad (subject to Visa requirements). There is also the possibility of students securing work experience to obtain credits provided their programme is deemed sufficient to forego study for the year.

Further Information
Secretary
School of Art, Design and Printing
Contact: artdesignprinting@dit.ie
www.dit.ie

Main Locations
Mountjoy Square
Bolton Street
Cathal Brugha Street
Aungier Street
Kevin Street
Chatham Row

ENTRY REQUIREMENTS 2005
Subjects
Minimum Number of Honours
Maths
English or Irish
Other

Minimum Grade in English or Irish

ENTRY POINTS 2003
PLACES (APPROX)
513* 35

* Includes score for portfolio review

USEFUL LEAVING CERTIFICATE SUBJECTS*
Mathematics
Languages
Sciences
Technology
Business
Construction
Art

* In some cases subjects in areas indicated will be mandatory.

Note: Further details are available from the School of Languages.

Career Opportunities
In view of the increasing globalisation of world markets and the dependency of the global economy on international trade, it is essential that students develop the linguistic and business skills required. Students who successfully complete the programme will be able to help companies develop their strategies in seeking out exciting new markets and expanding within them. Since there is constant interaction between languages and business, graduates of this programme are equally suited to the demands of all business organisations from small and medium sized enterprises to multinational concerns. This undergraduate programme also provides an ideal foundation for further studies or research in business throughout the English-speaking world.

Programme Description
This is a full-time, honours degree programme for non-native speakers of English or Irish. Its two main components, languages and business, are of equal weighting and importance. Students achieve a high level of linguistic proficiency in the first foreign language (English), enabling them to engage in a variety of business tasks. They achieve a working competence in a second foreign language which is taken at beginners level. Students on this stream spends the third year studying English and Business Modules at DIT or else studying their minor language at a partner institution abroad (subject to Visa requirements). There is also the possibility of students securing work experience to obtain credits provided their programme is deemed sufficient to forego study for the year.

Further Information
Secretary
School of languages
Contact: languages@dit.ie
www.dit.ie

Main Locations
Mountjoy Square
Bolton Street
Cathal Brugha Street
Aungier Street
Kevin Street
Chatham Row

ENTRY REQUIREMENTS 2005
Subjects
Minimum Number of Honours
Maths
English or Irish
Other

Minimum Grade in English or Irish

ENTRY POINTS 2003
PLACES (APPROX)
N/A 20

Application should be made directly to the Institute on or before 31st May 2005. Suitably qualified applicants may apply for entry to the 2nd or 4th years of the programme using the Advanced Entry system. Full details are available from the School of Languages. All non-EU applicants must comply with Irish immigration requirements. Details are available from the Irish Embassy or from the Department of Foreign Affairs, Visa Section, St. Stephen's Green, Dublin 2.
Programme Description

This is a conjoint programme between the Faculties of Applied Arts and Business, with 50% of the contact hours devoted to two languages and 50% devoted to business subjects. The two key characteristics of this degree programme are the opportunity to study two foreign languages with a full range of business subjects, and to spend the third year abroad. Students achieve a high level of linguistic proficiency in the first foreign language of their choice, enabling them to engage in a variety of business tasks in that language. They also achieve a good working competence in a second foreign language taken at beginner or intermediate level. The year spent abroad is of paramount importance. It is spent either wholly in study at a partner institution or in study combined with an approved work experience. While application is made on the basis of the students' choice of first foreign language, the business curriculum is common to all language streams. The appropriate codes are as follows:

Major Language: Apply for:
French DT555
German DT556
Spanish DT557

The following second language options are currently on offer, subject to minimum numbers: French or German, Italian, Russian or Spanish.

Career Opportunities

In view of the increasing globalisation of world markets and the dependency of the Irish economy on international trade, it is essential that Ireland develop the skills required for business to thrive. This programme is designed to provide those skills to students who plan to work in the increasing number of companies operating in this global environment. Through the integration of business and language skills, graduates of this programme are also suited to the demands of small and medium sized enterprises, which are so important to the overseas expansion of Ireland's business activities.

Progression

Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in Higher Education.

Further Information

School of Languages
01 402 4673 / 2843
01 402 4967
languages@dit.ie
www.dit.ie

Programme Description

This programme prepares students to work as journalists, with additional benefits provided by the study of a second language. Students gain an understanding of the importance of journalism in democratic society, become skilled in the practice of newspaper and broadcast journalism and study subjects such as politics, law, economics, ethics, journalism theory and history. Irish, French, German and Spanish are offered as language options (subject to numbers). The language courses are to a large extent integrated with journalism - students thus gain linguistic skills suited to their needs in the workplace. Students may also opt for further study in media research.

Career Opportunities

Journalists work in newspapers, magazines, radio, television or web-based media. and at local, national or international level. They work as reporters, commentators or feature writers, and as researchers or presenters in broadcast news and current affairs. Many cover all areas of journalism; others specialise in business, sports, arts, technology etc.

There are many opportunities for work in the sub-editing and layout of print publications and in editing and producing broadcast news. To succeed in this career, and to be suitable for the degree programme calls for a strong interest in current events, an ease in relating to people, a facility with language, and the ability to work to deadlines. Journalism is an exciting, interesting though pressured career. It provides a rewarding life to those suited to it.

Progression

Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in Higher Education.

Further Information

Secretary, School of Media
01 402 3098
media@dit.ie
www.dit.ie

ENTRY REQUIREMENTS 2005

Minimum Number of Honours

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Main Locations

Mountjoy Square
Bolton Street
Rathmines Road
Temple Bar
Chatham Row

Name: Carl O'Brien
Graduated: 2001
Current Status: Journalist with The Irish Times
Profile: After completing a degree in Journalism at DIT Aungier Street in 2001, Carl O'Brien worked as a staff journalist with the Irish Examiner. He went on to win the ESB Young Journalist of the Year Award three years in a row for articles on issues such as the intellectually disabled and standards of cancer care. He later worked as the newspaper's political correspondent in Leinster House and also covered international affairs in countries such as Pakistan, Indonesia and South Africa. Carl has since joined The Irish Times, where he writes on a broad range of issues including social affairs, politics and foreign affairs.
Programme Description
This programme provides a full understanding of the role and growing importance of the media in relation to culture and society in Ireland and abroad. It gives students a working knowledge of the professional standards and operational procedures involved in media production. From year four students choose to specialise in either creative writing, such as script and content production, or in media management and directing or operational and production techniques (camera and editing). The programme is evenly divided between media studies/analysis and extensive training in production techniques and programme-making.

Career Opportunities
The rapidly developing media and cultural industries offer many career opportunities in areas such as television, radio, film and new media. Graduates of the programme are suited to a wide variety of openings in creative production, media research and technical operations. Students may also pursue further academic/research study or additional professional qualifications. Masters programmes available at DIT include Digital Media Technologies, Journalism, Public Relations and Media Studies in addition to an M.Phil and PhD by research.

Progression
Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in higher education.

Further Information
Secretary
School of Media
t 01 402 3006
f 01 402 3003
e media@dit.ie
w www.dit.ie

ENTRY REQUIREMENTS 2005
Minimum Number of Honours -

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<th>Subject</th>
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* At least Higher level C3 in Irish or French or German or Spanish

ENTRY REQUIREMENTS 2005
Minimum Number of Honours

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* Applicants must attend an audition/interview in March/April

Main Locations
Mountjoy Square
Bolton Street
Cathal Brughia Street
Aungier Street

Rathmines Road
Temple Bar
Kevin Street
Chatham Row

PROGRAMME DESCRIPTION
This programme is designed to train music students to a professional level as performers of classical or traditional Irish music, composers or instrumental/vocal teachers. Incorporating a comprehensive academic content, such as composition techniques, history of music, aural training, and education studies, students will also participate in a diverse programme of recitals, concerts and opera performances.

Career Opportunities
Graduates may proceed to careers as soloists or group performers in the orchestral, vocal or Irish traditional fields, as composers or as teachers in the public or private sector. A high level of acceptance of graduates into prestigious postgraduate programmes at home and abroad has also been a feature of the programme.

Further Information
Siobhan Kilkeely
Conservatory of Music & Drama

f 01 402 7814
e conservatory@dit.ie
w www.dit.ie

ENTRY REQUIREMENTS 2005
Minimum Number of Honours

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* In some cases subjects in areas indicated will be mandatory. See Entry Requirements Chart.

ENTRY REQUIREMENTS 2005
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* In some cases subjects in areas indicated will be mandatory. See Entry Requirements Chart.

Main Locations
Mountjoy Square
Bolton Street
Cathal Brughia Street
Aungier Street

Rathmines Road
Temple Bar
Kevin Street
Chatham Row

STUDENT NEWS
Music students participate in a range of public performances as part of their programme of study. In February 2004, the soloists, choir and orchestra from the Conservatory staged 'A Night at the Opera' at the National Concert Hall. The capacity audience enjoyed excerpts from some of the world’s favourite operas - Mozart’s 'Marriage of Figaro', Verdi’s 'La Traviata' and 'Rigoletto', and Puccini’s 'La Bohème'.
Programme Description
This programme is intended for those wishing to become teachers of music in post-primary schools and provides them with the necessary academic and professional background. It is taught by DIT Conservatory of Music and Drama and TCD’s Departments of Teacher Education, History and Music. Students become full members of both DIT and TCD. The programme requires a high standard in harmony, counterpoint, composition, orchestration, performance and provides a solid grounding in theory. Participation in orchestras and concert bands and theatrical performances is encouraged throughout the programme. History is a compulsory subject in the first year and students are encouraged to continue with this aspect of their programme in subsequent years, if only to enhance their employment prospects.

Entry Requirements
Applicants must satisfy the Matriculation requirements of the University of Dublin (Trinity College) - course TR009.

Further Information
Ms Mary Scarlett
Programme Chair
Conservatory of Music and Drama
T 01 402 7814
E conservatory@dit.ie
W www.dit.ie

USEFUL LEAVING CERTIFICATE SUBJECTS*

Mathematics Languages Sciences Technology Business Construction Music

* In some cases subjects in areas indicated will be mandatory. See Entry Requirements Chart.

Main Locations
Mountjoy Square [✓] Bolton Street [✓] Cathal Brugha Street [✓] Aungier Street [✓]
Rathmines Road [✓] Temple Bar [✓] Kevin Street [✓] Chatham Row [✓]
Trinity College [✓]

Programme Description
Looking at photography from an historical, social and cultural context, this programme integrates critical theory with photographic practice and emphasises a balance between the creative process and independent learning initiatives. It uses the most modern photographic equipment and digital imaging techniques in addition to the study of photographic technologies for studio, location and darkroom practices. Housed in the heart of Temple Bar, the programme has close links with the National Photographic Archive and the Gallery of Photography. Career opportunities are extensive and varied and include commercial photography, art photography, digital imaging, multimedia, newspapers and magazine work. In addition, graduates of the programme are encouraged to consider postgraduate opportunities in creative and/or technical aspects of digital media imaging.

Entry Requirements 2005

Minimum Number of Honours -
Maths English or Irish Other Requirements

* Applicants must satisfy the Matriculation requirements of the University of Dublin (Trinity College) - course TR009

Main Locations
Mountjoy Square [✓] Bolton Street [✓] Cathal Brugha Street [✓] Aungier Street [✓]
Rathmines Road [✓] Temple Bar [✓] Kevin Street [✓] Chatham Row [✓]
Trinity College [✓]
Programme Description
This degree programme is designed to combine a broad education in the field of printing and graphics technology with a wide range of specific management techniques.

The four structural strands of the programme embrace Technology, Production Operations, Management and Professional Development. The programme is delivered by means of lectures, tutorials, assignments, industrial visits, industrial placement and a major dissertation.

Assignment work is an essential element in most subject areas and is used as a means of testing the student's research, presentation and analytical skills. Industrial visits provide an opportunity for students to augment their technical programme. During the third year of the programme students will be placed in industry for a period of four weeks. The dissertation will be an extended body of written work that presents a well-researched and detailed examination of a specific topic relating to the printing and graphic communication industries.

Career Opportunities
Graduates are suited to a wide range of management positions in the print, publishing and media industries. They are also suited to management positions in other industries. The areas graduates are employed in include General Management, Print Purchasing, Marketing, Production Operations, Quality Management, Estimating, Information Technology and Technical liaison.

Graduates may also pursue further academic/research based postgraduate programmes.

Further Information
Secretary
School of Art, Design and Printing
01 402 4138 / 4181
f 01 402 4297
e artdesignprinting@dit.ie
w www.dit.ie

USEFUL LEAVING CERTIFICATE SUBJECTS*

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<thead>
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<th>Subject</th>
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* In some cases subjects in areas indicated will be mandatory. See Entry Requirements Chart.

ENTRY POINTS 2003

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Ecstasy

Main Locations
Mountjoy Square
Rathmines Road

INDUSTRY VIEW

Name: Alan Leamy
Current Status: Group Managing Director, Perigord Communications

"This professional programme in Printing Management prepares students thoroughly for the exciting demands of the printing industry and provides a strong foundation to build a career within our industry."

Career Opportunities
Product Design offers a career which can be utilised in a broad array of industries. Every product moves through a development cycle which some professions will have contact with as the design develops but the product designer oversees the complete development cycle. From the electronic industry to the automotive, medical and aero industries the product designer contributes his skill and expertise in helping to develop and drive these areas.

Further Information
Department of Applied Technology
01 402 3626 (Secretary)
01 402 3845 (Course Leader)
01 402 3843 (Head of Department)
e michael.ring@dit.ie or william.bergin@dit.ie

USEFUL LEAVING CERTIFICATE SUBJECTS*

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ENTRY POINTS 2003

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Main Locations
Mountjoy Square
Rathmines Road

CAREER PROFILE:

Designers play a vital role in the development cycle of both industrial and domestic design. They integrate the creative process with the ability to design for manufacture. Their goal is to meet and continuously adjust design concepts to take account of engineering and manufacturing requirements. Their creative ability supports their company's continued success while their technological ability helps to produce designs which can be brought to the market place as viable products. They incorporate considerations such as economics, engineering, cultural, aesthetics, ergonomics and the environment into their designs.
**Programme Description**

This programme is designed to provide an integrated and cohesive programme for students who wish to pursue a career in Social Care. Theoretical college based content is infused with the experience gained by students through practice placement. A broad view of the learning process is adopted with a variety of teaching/learning strategies employed to achieve programme objectives. The main subjects studied are Psychology, Sociology, Professional Practice, Creative Studies (Art and Drama) and Research. Supervised placement is an integral part of this programme and Garda (Police) clearance may be required from students.

**Career Opportunities**

Graduates can find employment in a wide range of social care agencies. For example, graduates work with children and adolescents in residential child care, people with learning disabilities, the homeless, people with alcohol/drug dependency, families in the community, the aged, asylum seekers or refugees.

**Progression**

Students who have reached the appropriate honours standard may have access to a range of Masters Degrees in higher education.

**Further Information**

Secretary of the programme is very happy to provide the agreed information on all aspects of drama. Many graduates go on to postgraduate diplomas or Master's programmes following their undergraduate training. Some graduates also go on to further study at postgraduate level and for employment in the area of drama.

**What is DIT looking for at audition?**

In a word, potential. This means openness to the demands of performance, inquisitiveness about drama and performance, and an ability to work with others.

**What kind of student is likely to do well in this programme?**

The programme is aimed at students who are confident performers, generous facilitators and effective communicators of aspects of drama. Many graduates go directly into acting work in theatre, film and television. The reality of the acting profession, however, means between acting jobs they are often teaching drama in schools or facilitating drama in youth theatres and community outreach contexts. The teaching and facilitation strand of the programme prepares students for that reality. Many graduates also go on to postgraduate diplomas or Master's programmes in performance, academic drama or education. Applicants are also required to attend auditions, for which a two-to-three minute monologue must be prepared. Current salaries do not meet the language requirement. Students would be on their feet performing.

**Main Locations**

Mountjoy Square
Rathmines Road
Temple Bar
Kevin Street
Chatham Row

**Main Locations**

Mountjoy Square
Rathmines Road
Temple Bar
Kevin Street
Chatham Row

**Graduate Profile**

**Name:** Alan Mac Stofán

**Graduated:** 2004

**Current Status:** Elected DIT Students' Union Vice President, 2004-2005

"DIT is one of the very few places in the country where you can study drama and the programme is very highly rated. I liked the practical nature of it – every day you'd be on your feet performing. I don't know if I'll pursue it as a professional career - or at least not yet. If I do, I think radio and animation would be the areas that I would love the most. Overall, though, I think I benefited hugely from college - the people I met, the activities I've been involved in... college life is a great experience!"
Programme Description

This degree programme is designed to provide an integrated programme for students who wish to pursue a career in Early Childhood Care and Education. The programme is underpinned by the following principles:

- The whole child is the focus of study
- The child is studied in the context of family, community and society
- Play is seen as central to young children's development
- Theory and practice are combined to encourage a critical, reflective practitioner.

A three year BA(hons) is currently under review (pending validation) with a proposed commencement in September 2005.

Supervised placement is an integral part of the programme and Garda (Police) clearance may be required from students.

Further Information

Secretary,
School of Social Sciences & Legal Studies,
DIT
Mountjoy Square.

Career Opportunities

Graduates of this programme find employment in pre-schools, creches, day nurseries, after-school services and special early years services.

Progression

Students who have reached the appropriate level in final examinations and meet certain subject prerequisites may have the opportunity to access honours degree programmes at the year three level in DIT or elsewhere in higher education.

Further Information

Secretary,
School of Social Sciences & Legal Studies,
DIT Mountjoy Square,
Dublin 1.

Supervised placement is an integral part of the programme and Garda (Police) clearance may be required from students.
Programme Description
Retailing is an exciting, fast developing and competitive industry and the demand for display designers is increasing all of the time. Students on this programme will learn the fundamentals of design display and visual merchandising, including lighting design and window and in-store display. Studio practice will provide the technical skills for students to realise their designs. They will also develop the communication skills necessary to operate as members of a design team in retail companies, exhibition firms and promotional and advertising agencies.

Career Opportunities
Graduates of this programme find employment in wholesale and retail outlets, exhibition firms, promotional and advertising agencies.

Progression
Students who have reached the appropriate level in final examinations and meet certain prerequisites may have the opportunity to access honours or ordinary degree programmes at the year two level in DIT and elsewhere in higher education.

Further Information
Secretary,
School of Art, Design and Printing
t 01 402 4138/4181
e artdesignprinting@dit.ie
w www.dit.ie

Entry Requirements 2005
Minimum Number of Minimum Grade in Other Requirements
Subjects Honours Maths English or Irish

* Applicants must submit a portfolio on 10th or 11th of March 2005

Main Locations
Mountjoy Square
Bolton Street
Cathal Brugha Street
Aungier Street
Rathmines Road
Temple Bar
Kevin Street
Chatham Row

"Notes on Style" by Yvonne Keogh
Graduated in Design Display 2004
(Photograph by Gillian Buckley)
Faculty of The Built Environment

HONOURS DEGREE PROGRAMMES (LEVEL 8)
38 DIT01 Architecture
39 DIT11 Construction Economics & Management
40 DIT12 Geomatics
41 DIT06 Planning & Environmental Management
42 DIT10 Property Economics

ORDINARY DEGREE PROGRAMMES (LEVEL 7)
43 DIT05 Architectural Technology
44 DIT04 Auctioneering, Valuation & Estate Agency
45 DIT10 Construction Technology
Architecture

ARCHITECTURE
DT101
FIVE YEARS
BACHELOR OF ARCHITECTURE HONOURS DEGREE - LEVEL 8

Programme Description
Architecture is the art and science of designing spaces and supervising the building of structures. Students considering this career should have a creative aptitude for architectural design and the organisational ability to implement their designs in practice. They should also have an interest in artistic and cultural aspects as well as technical and managerial skills. This five-year programme covers subjects such as physics and chemistry, as well as mathematics, mechanics, design technology and computer applications, economics and cost control, urban studies, law. There is a strong emphasis on studio work and criticism throughout the programme and students are required to gain practical architectural office experience during summer vacations. The DIT course in Architecture is recognised throughout EU member states. Graduates are also eligible for Associate Membership of the Royal Institute of Architects of Ireland. Following two years of postgraduate experience they may take the Institute's examination in Professional Competence and thus become members of the R.I.A.I.

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.

Further Information
Mr. James Horan
School of Architecture
01 402 3692
e james.horan@dit.ie

Mr. Edmund O'Shea
School of Architecture
01 402 3689
e eddie.oshea@dit.ie
w www.dit.ie

Entry Requirements 2005

- Applicants must attend a suitability test in March and if successful will be invited to interview in May.

Main Locations
Mountjoy Square
Bolton Street
Temple Bar
Kevin Street
Chatham Row

Rathmines Road

STUDENT NEWS

New state-of-the-art studios for Dublin School of Architecture at DIT

The Minister for Education and Science, Noel Dempsey TD, officially opened new state-of-the-art studio facilities at the Dublin School of Architecture, DIT in February 2004. The studios provide final-year students of architecture with the physical space and technical support they need for this very intense stage of their professional studies. Speaking at the opening the Minister said that the Dublin School of Architecture enjoys an excellent reputation both nationally and internationally, in particular for its approach to learning.

CONSTRUCTION ECONOMICS & MANAGEMENT

CONSTRUCTION
ECONOMICS & MANAGEMENT
DT111
FOUR YEARS
BACHELOR OF SCIENCE (SURVEYING) HONOURS DEGREE - LEVEL 8

Programme Description
This is a four year full-time programme which prepares students wishing to make their careers in Construction Economics. It is designed for those who wish to work as quantity surveyors and economic advisors in the construction industry or as building development co-ordinators and building managers. The programme provides a sound general education in the different aspects of the field with emphasis on practical construction economy and, in consequence, the programme 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. Upon successful completion of an assessment of Professional Competence, holders of these awards are eligible for Corporate Membership of the Society of Chartered Surveyors (Quantity Surveyors Division), the Institute of Civil Engineering Surveyors 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 postgraduate programmes in Ireland and abroad.

Career Opportunities
This is for the profession of Chartered Quantity Surveyor which includes occupations in the fields of Construction and Property Management. The Construction Economist is concerned with the more detailed aspects of construction and site development. She may specialise as a quantity surveyor, in which case she analyses building design for purposes of cost planning and later, detailed tendering and cost control. Alternatively 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 programmes 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 and Management graduates have obtained employment in quantity surveyors' offices, with contractors/sub-contractors and developers.

Entry Requirements 2005

- In some cases subjects in areas indicated will be mandatory. See Entry Requirements Chart.

Main Locations
Mountjoy Square
Bolton Street
Temple Bar
Kevin Street
Chatham Row

Rathmines Road

ENTRY POINTS
2003

Places Approx

574*

50

* Includes Score for Suitability Test/Interview

USEFUL LEAVING CERTIFICATE SUBJECTS*

Mathematics
Languages
Sciences
Technology
Business
Construction
Art

* Minimum Grade in English or Irish

ENTRY REQUIREMENTS 2005

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* In some cases subjects in areas indicated will be mandatory. See Entry Requirements Chart.
Programme Description
Geomatics involves surveying and measuring the earth's physical and man-made features for use in managing and developing the natural and built environment. It is both science-based and engineering-based and involves all aspects of the collection, analysis and visualisation of geo-spatial data for surveying and mapping. A career in geomatics is ideally suited to those with a scientific or technical interest, and who want a versatile career with lots of outdoor and travel opportunities. The graduate will typically be employed in either the private or public sector. There are many job opportunities and career specialisations possible both in Ireland and abroad. Graduates can also specialise by pursuing postgraduate programmes in Ireland or abroad.

Progression
Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in higher education.

Further Information:
Frank Prendergast
Department of Geomatics
t 01 402 3674 / 3742
e frank.prendergast@dit.ie
www.dit.ie/built/geomatics/

Entry Requirements 2003
Table 1: Minimum Number of Honours Subjects

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Main Locations
Mountjoy Square
Rathmines Road
Bolton Street
Temple Bar
Kevin Street
Aungier Street
Chatham Row

Graduate Profile
Name: Aine Martin
Graduated: 2003

I am a BSc Geomatics graduate currently employed as the Technical Support Manager for Atlas Computers Ltd., manufacturers of SCC software, a land survey and modelling package. I work as part of a technical support team, which includes Surveyors, Civil and Computer Engineers. My primary role involves liaising with consultants and government bodies on technical survey issues.

from various disciplines (engineering, planning, geology, hydrography, environment and GIS). Furthermore, I provide in-house and on-site software training to national and international clients. I believe the wide range of subjects covered in the DIT Geomatics degree programme allows graduates the opportunity to work in many different fields, move into other disciplines and work closely with other related professionals.
Programme Description
This is a four year full-time programme which prepares students wishing to make their 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 programme 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. Upon successful completion of an assessment 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 postgraduate programmes in Ireland and abroad. The programme is also recognized by the Irish Auctioneers and Valuers Institute.

Career Opportunities
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 programmes 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. Martin Hanratty
School of Real Estate and Construction Economics
Tel: 01 402 3675
e-mail: martin.hanratty@dit.ie

Useful Leaving Certificate Subjects
- Mathematics
- Language
- Science
- Technology
- Business
- Construction
- Art

* In some cases subjects in areas indicated will be mandatory.

Entry Requirements

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Useful Leaving Certificate Subjects
- Mathematics
- Language
- Science
- Technology
- Business
- Construction
- Art

* In some cases subjects in areas indicated will be mandatory.

Further Information
Mr. James Horan
School of Architecture
Tel: 01 402 3691
e-mail: james.horan@dit.ie

Main Locations
Mountjoy Square 003 Bolton Street 003 Cathal Brugha Street 003 Aungier Street 003
Rathmines Road 003 Temple Bar 003 Kevin Street 003 Chatham Row 003

Graduate Profile
Name: Patrick Daly
Graduated: 1988
Current Status: Director of Deantus Projects Ltd, a multi-disciplined architectural technical consultancy.

"My student years in DIT Architectural Technology were among the best of my life. Not only was it an excellent preparation for an exciting and challenging career in the architectural profession but the friendships formed have lasted over two decades. Since graduating I have gained project management and senior project architect experience on some large and complex developments and more recently established my own Architectural Technical Consultancy (Deantus) with a fellow graduate. The foundation to this exciting and dynamic career was the strong and professionally relevant qualification first received from DIT in 1988. More importantly I have now returned to the programme as a part-time lecturer to share some of my knowledge and experience with today’s students."
Programme Description
This programme 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 programme is recognised by the Irish Auctioneers and Valuers Institute (IAVI), the Institute of Professional Auctioneers and Valuers (IPA), and also the Society of Chartered Surveyors (SCS). These are professional bodies in the field of Auctioneering and Estate Agency in the Republic of Ireland.

Graduates may pursue their studies to gain membership of The Society of Auctioneers and Valuers Institute (IAVI) and of the Society of Chartered Surveyors (SCS). Graduates may pursue their studies to gain membership of The Society of Chartered Surveyors (SCS) and of the Society of Chartered Surveyors (SCS).

Career Opportunities
Auctioneers and Estate Agents are involved in the sale, letting, 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.

Progression
Students who have reached the appropriate level in final examinations and meet certain subject prerequisites may have the opportunity to access honours degree programmes at the year 3 level in DIT and elsewhere in higher education.

Further Information
Mr. Martin Hanratty, School of Real Estate and Construction Economics
(t 01 402 3675  e martin.hanratty@dit.ie)

ENTRY POINTS 2003 PLACES (APPROX)

**USEFUL LEAVING CERTIFICATE SUBJECTS**

- Mathematics
- Languages
- Sciences
- Technology
- Business
- Construction
- Art

For entry to the Property Economics Degree programme (DT1110) or by obtaining advanced entry into relevant degree programmes in the U.K. This programme provides a route to obtaining membership of The Society of Chartered Surveyors, the Royal Institution of Chartered Surveyors in the U.K., and also the Irish Auctioneers and Valuers Institute.

Main Locations
Mountjoy Square
Rathmines Road

GRADUATE PROFILE

Name: Sharon Hughes
Graduated: 2003

Current Status: Vice President of DIT Students' Union 2004-2005

"I started college not really knowing what to think, and I went on to have what are easily the best years of my life. I finished my diploma in auctioneering and estate agency in 2003. For my final year project I had to work with a real estate agent to experience the field. DIT students pride themselves on learning by doing and it is this applied learning that makes DIT graduates so sought after. Projects are intricately designed to help you become more confident with your career, meet future colleagues and experience a competitive market outside of a book. My time in DIT has not only given me a good qualification, but it has opened such a range of opportunities for me that I sometimes don't know where to look! Your life is what you make it, and with so much to choose from in DIT, you can only wonder what your time in DIT will bring, but you can bet it'll be good!"

Other graduates are working for consultants in various capacities.

Progression
Students who have reached the appropriate level in final examinations and meet certain subject prerequisites may have the opportunity to access honours degree programmes at the year 3 level in DIT and elsewhere in higher education.

Further Information
Mr. Lloyd Scott, Department of Construction Management and Technology
(t 01 402 3984  e lloyd.scott@dit.ie)
Mr. Louis Gunnigan, Head of Department, Construction Management and Technology
(t 01 402 3604  e louis.gunnigan@dit.ie)

ENTRY POINTS 2003 PLACES (APPROX)

**USEFUL LEAVING CERTIFICATE SUBJECTS**

- Mathematics
- Languages
- Sciences
- Technology
- Business
- Construction
- Art

"DIT has an excellent reputation within the construction industry and is widely recognized. I have successfully completed the first two years of the programme and already I can see the vast amount of career opportunities that lie ahead. This programme has broadened my knowledge and given me a valuable insight into the workings of the industry. It has, in addition, opened my eyes to the job diversity available to both men and women in this field."

Quoted in Construction (01 February 2004)
## Faculty of Business

### Honours Degree Programmes (Level 8)

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### Ordinary Degree Programmes (Level 7)

<table>
<thead>
<tr>
<th>Code</th>
<th>Program Name</th>
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</thead>
<tbody>
<tr>
<td>56</td>
<td>DT326 Business Management</td>
</tr>
<tr>
<td>57</td>
<td>DT327 Marketing &amp; E-Business</td>
</tr>
<tr>
<td>58</td>
<td>DT328 Security Management</td>
</tr>
</tbody>
</table>

### Higher Certificate Programmes (Level 6)

<table>
<thead>
<tr>
<th>Code</th>
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</tr>
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<tbody>
<tr>
<td>59</td>
<td>DT324 Business Management</td>
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<tr>
<td>60</td>
<td>DT315 Business Studies</td>
</tr>
<tr>
<td>61</td>
<td>DT303 Marketing</td>
</tr>
<tr>
<td>62</td>
<td>DT323 Retail Enterprise Management</td>
</tr>
<tr>
<td>63</td>
<td>DT322 Retail Marketing</td>
</tr>
<tr>
<td>64</td>
<td>DT325 Security Management</td>
</tr>
</tbody>
</table>
Programme Description
This three year honours degree programme provides the ideal route to careers in professional accountancy, fund management, financial services, financial analysis, corporate finance, and money markets. These sectors of the economy contribute significantly to national wealth creation and provide a range of challenging and rewarding careers which require integrity, analytical ability, financial knowledge as well as key skills and competencies in team working, independent research and critical analysis. This degree programme develops these abilities within all students by use of a variety of learning approaches which include case studies, presentations, group work, and projects as well as the more formal lectures with tutorial support.

The programme allows students in the second and third years of study to select modules from a range of relevant subjects thus facilitating students to specialise in their chosen areas. Full support and advice is provided throughout the programme from both academic staff and career advisors.

Career Opportunities
This honours degree programme is appropriate to those who wish to pursue careers as professionally qualified accountants. It confers significant exemptions from the examinations of the professional accountancy bodies. In addition, the programme provides an ideal entry qualification for a range of careers in the financial services, money markets and banking. The financial sectors of the Irish economy continue to experience significant growth and development, and offer excellent career paths for those with the appropriate skills, which this programme will develop.

Progression
Students who have reached the appropriate honours standard may have access to a wide range of Masters degrees in DT and elsewhere in higher education.

Further Information
School of Accounting and Finance
01 402 3097

USEFUL LEAVING CERTIFICATE SUBJECTS*

<table>
<thead>
<tr>
<th>Subject</th>
<th>obligatory</th>
<th>optional</th>
</tr>
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<tbody>
<tr>
<td>Mathematics</td>
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<td>Languages</td>
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<tr>
<td>Sciences</td>
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<td></td>
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<tr>
<td>Engineering</td>
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<td>✔</td>
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<tr>
<td>Business</td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>Construction</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>Art</td>
<td></td>
<td>✔</td>
</tr>
</tbody>
</table>

*In some cases subjects in areas indicated will be mandatory. See Entry Requirements Chart.

ENTRY REQUIREMENTS 2005

<table>
<thead>
<tr>
<th>Minimum Number of ★ Honours</th>
<th>Minimum Grade in</th>
<th>Other Requirements</th>
</tr>
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<tbody>
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<td>Subjects</td>
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<tr>
<td>6</td>
<td>3</td>
<td>O3 O3</td>
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</tbody>
</table>

Main Locations
Mountjoy Square
Rathmines Road

STAFF VIEW
Ms Marie O'Flynn
Head of Department of Finance

"This new programme is the first honours degree of three years' duration offered by the Dublin Institute of Technology. It offers students business and finance subjects which lay the foundation for advanced courses in the accounting and finance field. Students will be offered a range of option subjects in the second year which enable specialisation at honours level in the final year. Year three includes advanced course in critical analysis for accounting and finance. The programme is designed using small group teaching, professionally relevant syllabus, skills and competency development and independent learning. This is an exciting development and we look forward to welcoming many students to the programme."

STATUS NEWS

Scholarships
First year students enrolling on this Business & Management Degree programme in September 2005, who obtain 300 Points in their Leaving Certificate, will be awarded a first year entrance scholarship of €1,000 in recognition of their outstanding performance in the Leaving Certificate Examination.
Programme Description
This programme will develop the knowledge and skills necessary for a challenging business career in information systems management in the E-Business era. In order to achieve this objective leading edge thinking and learning techniques are used across a range of business specialist areas coupled with a broad course in software development for E-Business and Information management.

Students are exposed to concepts and ideas that will allow them to develop the necessary competencies to launch a career in an area that continues to show significant growth, and where relevant skills are in short supply. Students will also have opportunities to apply their learning through practical course exercises and projects. They will also receive extensive exposure to real world business problems through class work and a final year project, where a real world business problem is addressed through the development of a software solution.

The syllabus is totally revised and modernised. The anticipated shortfall in graduates with relevant skills in this field could reach 2300 yearly, so employment prospects are extremely good. Career opportunities exist in IT, general management and in a wide range of specialist software development and information management roles including, but not limited to, the following:

• Chief Information Officer
• IT Manager / Director
• Business Development Manager
• Applications Development Manager
• IT Architect
• Information Systems Consultant
• Business Process Analyst
• Systems Analyst
• Database Administrator
• Software Quality Assurance Manager
• Web Developer
• Application Developer
• Programmer/Analyst

Further Information
Hugh O'Donnell
Head of Department of Management Information Systems
+353-1-402 7106
hugh.o.donnell@dit.ie

Programme Description
This is a joint programme between the faculties of Applied Arts and Business, with 50% of the contact hours devoted to two business subjects and 50% devoted to business subjects. The two key characteristics of this degree programme are the opportunity to study two foreign languages with a full range of business subjects and to spend the third year abroad. Students achieve a high level of linguistic proficiency in the first foreign language of their choice, enabling them to engage in a variety of business tasks in that language. They also achieve a good working competence in a second foreign language taken at beginner or intermediate level. The year spent abroad is of paramount importance. It is spent either wholly in study at a partner institution or in study combined with an approved work experience. While application is made on the basis of the student’s choice of first foreign language, the business curriculum is common to all language streams. The appropriate codes are as follows:

Major Language: Apply for:
French
German
Spanish

Further Information
Secretary
School of Languages
+353-1-402 4673 / 2843
languages@dit.ie
www.dit.ie

ENTRY REQUIREMENTS 2005
Subjects Minimum Number of Honours Minimum Grade in English or Irish Other Requirements
6 2 003 035

Main Locations
Mountjoy Square
Bolton Street
Cathal Brugha Street
Aungier Street

Rathmines Road
Temple Bar
Kevin Street
Chatham Row

GRADUATE PROFILE
Name: Andrew Jackson
Graduated: 2002
Current Status: Owner of own software company

"The degree in Information Systems Development at DIT has been the basis for where I am today. Currently I am involved in research towards a PhD in TCD. I lecture on the ISO programme at DIT as well as running my own small software company. The DIT ISO programme provided me with an educational environment through which I built both the business and technical skills essential to succeed in today's highly competitive business areas and academic fields in IT."
**Programme Description**

This is a full-time, four-year Honours degree programme for non-native speakers of English or Irish. Its two main components, languages and business, are of equal weighting and importance. Students achieve a high level of linguistic proficiency in the first foreign language (English), enabling them to engage in a variety of business tasks. They achieve a good working competence in a second foreign language which is taken at beginners level. Students on this stream spend the third year studying English and Business Modules at DIT or else studying their minor language at a partner institution abroad (subject to Visa requirements). There is also the possibility of students securing work experience to obtain their credits provided their level of English is deemed sufficient to forego study for the year.

**Further Information**

Secretary
School of languages
[01 402 4673 / 2843]
[01 402 4967]
e languages@dit.ie
w www.dit.ie

**Application should be made directly to the Institute on or before 31st May 2005. Suitably qualified applicants may apply for entry to the 2nd or 4th years of the programme using the Advanced Entry system. Full details are available from the School of Languages.**

**Career Opportunities**

In view of the increasing globalisation of world markets and the dependency of the global economy on international trade, it is essential that students develop the linguistic and business skills required. Students who successfully complete the programme will be able to help companies develop their strategies in seeking out exciting new markets and expanding within them. Since there is constant interaction between languages and business, graduates of this programme are equally suited to the demands of all business organisations from small and medium sized enterprises to multinational concerns. This undergraduate programme also provides an ideal foundation for further study and research in business throughout the English-speaking world.

**Programme Description**

Designed to develop the knowledge and skills required for an effective marketing professional, the BSc (Marketing) offers the student opportunities to internationalise their understanding of marketing as a driver of business. Progressing from a solid foundation of business and marketing, the abilities of the student are subsequently developed through rigorous exploration and examination of all facets of marketing combined with an exciting period of study in an institution in North America or Europe. This creates a graduate with the knowledge, skills and abilities essential to function as a contemporary marketing professional both nationally and internationally. There is a study abroad period in during third year. Students wishing to take a language option as part of the programme must have at least C1 in French or German.

**Unique Features of this Degree**

- International study period in Europe or North America.
- Case-based learning.
- Research dissertation.
- Continental language option (French or German).

**Entry Requirements**

A pass in an examination which permits entry to third-level education in the home country which includes a pass in Mathematics, English and mother tongue (which must not be English or Irish). A documented ability in the English language is also required:

- Grade B or higher on the Cambridge Certificate Examination or
- grade 6.0 or higher on the IELTS (with a 6.0 in the written section) or
- grade 550 on the TOEFL paper-based examination (or 213 on the computer based examination) or
- Grade B2 or higher on the Test of Intercultural English (TIE).

See www.dit.ie/acels.ie

**Entry Points 2003**

N/A

**Places (Approx)**

20

**Entry Points Requirements 2005**

<table>
<thead>
<tr>
<th>Subjects</th>
<th>Minimum Grade in Maths</th>
<th>Minimum Grade in English or Irish</th>
<th>Other Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

**Main Locations**

Mountjoy Square
Rathmines Road

**Careers**

- Emma Carrol graduated in 2002 with a First Class Honours degree in Marketing and Management.
- Started her career with Originate Brand Solutions, a top marketing communications agency. Emma worked on key accounts such as Nestle, Diageo, Smirnoff Black Ice and Irish Permanent Building Society.
- This year Emma has moved to Redstar Brand Activation.

**Current Status:** Account Executive for Redstar Brand Activation

Activation as Account Executive looking after accounts such as Vodafone, Lyons Tea, Hagen Dals and Ibermato.

Emma's role includes sales promotion, managing budgets, design briefing and design direction, copywriting, market research, managing loyalty schemes, event management, and PR for the various campaigns.
RETAIL AND SERVICES MANAGEMENT

DT343
FOUR YEARS
BACHELOR OF SCIENCE (RETAIL & SERVICES MANAGEMENT) HONOURS DEGREE - LEVEL 8

Programme Description
The retail and services sectors have become a complex and demanding business area, driven by globalization, information and communications technology and increasing consumer sophistication. They represent a fast-moving and rapidly expanding area of opportunity for business graduates where high performers achieve rapid advancement and excellent rewards. This honours degree programme is aimed at those considering a career in the services or retail sectors or in organisations supplying these sectors.

Students take a broad range of management subjects such as marketing, law, economics, finance, with retail and services specific subjects such as retail management, services management, premises location, retail buying, retail design. There is a strong emphasis throughout on E-business and information technology. Students are able to acquire excellent communication and entrepreneurial skills and familiarity with a range of analytical tools. The practical side of the programme is underpinned by a period of structured (paid) work placement at the end of the third year.

Career Opportunities
This degree is aimed at those considering a career in the services or retail sectors or in organisations supplying these sectors. Previous graduates have been in demand by financial services organisations such as banks and insurance companies. This degree gives graduates a sound base for a career in business management in a wide range of industries and sectors.

Progression
Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in higher education.

Further Information
Don O'Riordan
School of Retail & Services Management
t 01 402 7059
e don.onion@dit.ie

For more details see our website at: www.dit.ie/DT343study/undergraduatecourses/dt343.html

ENTRY REQUIREMENTS 2005

<table>
<thead>
<tr>
<th>Minimum Number of Honours</th>
<th>Minimum Grade in</th>
<th>Other Requirements</th>
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<td>Subjects</td>
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<td>OC2</td>
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</table>

Main Locations
Mountjoy Square  Bolton Street
Rathmines Road   Temple Bar

STAFF VIEW

Name: Don O'Riordan
Current Status: Head of Department of Retail Management Studies

“This is a relatively new degree and so we don't have a long history of graduate placement patterns yet. What we are hearing so far is that about 40% of graduates from this degree find careers in retailing (management, buying or marketing) and another 40% in financial services such as banks and insurance companies, in a wide variety of roles. As this degree is fairly broadly based, the remainder would be dispersed across a range of careers in business while some, of course, go on to pursue masters degrees.”

TRANSPORT & LOGISTICS

DT358
FOUR YEARS
BACHELOR OF SCIENCE (TRANSPORT & LOGISTICS) HONOURS DEGREE - LEVEL 8

Programme Description
This programme will develop the knowledge and skills necessary for a challenging business career in management with a specialism in logistics and supply chain management. Students are exposed to concepts that will allow them to develop the necessary competencies to launch a career in an area that has in recent years significantly heightened its profile within management. Students will also have opportunities to apply their learning through practical exercises and projects. They will also receive extensive exposure to real world logistics through class work and a paid in-company work placement in the third year.

Logistics and supply chain management is concerned with the management of the flow of goods and information through the value chain from materials acquisition to final consumption. It has been described as getting the right product, at the right price, in the right quality, in the right place at the right time, for the right customer at the right cost. In achieving all of this logistics takes many of the functions of a business including forecasting, inventory management, purchasing management, warehouse management, information technology and transport management. Management professionals in logistics and supply chain management functions also work closely with other areas of the business including human resource management, manufacturing, marketing and finance.

DIT has been identified as the national centre of excellence in transport and logistics in Ireland with the establishment of the National Institute of Transport and Logistics.

Career Opportunities
It is expected that Irish industry will require approximately 4,000 new recruits annually across a range of logistics skills at least up until 2006. This indicates that employment prospects for graduates are extremely good. This programme offers career opportunities in general management as well as in a wide range of specialist logistic roles including, but not limited to, the following:

• Supply Chain Manager / Director
• Business Development Manager
• Transportation / Traffic Manager
• Warehouse Operations Manager
• Purchasing Manager / Director
• Supply Chain / Logistics Consultant
• Import Agent
• Materials Manager
• Export Coordinator
• Production Manager
• Quality Assurance Manager
• Systems Support Manager (MS)
• Shipping Coordinator
• Inventory Coordinator
• Customer Service Manager
• Operations Manager

Progression
Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in higher education.

Further Information
Paul O'Reilly
Head of Department of Management Studies
01 402 3162
e paul.oreilly@dit.ie

ENTRY REQUIREMENTS 2005

<table>
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<th>Minimum Number of Honours</th>
<th>Minimum Grade in</th>
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</table>

Main Locations
Mountjoy Square  Bolton Street
Rathmines Road  Temple Bar

INDUSTRY VIEW

Name: Tony McDermott
Current Status: Business Section Manager, Hewlett-Packard

"In this ever increasing competitive environment, the availability of qualified Supply Chain and Materials professionals will be a key differentiator in manufacturing and distribution organisations. Industry is now looking to the colleges such as DIT to provide this expertise, and programmes like the BSc. Transport and Logistics are seen as a key foundation."
Programme Description
This programme is both broadly based and academically rigorous, and is designed to give further in-depth business education to those who have already completed a two-year business studies or marketing certificate (such as DT303, DT324, DT322, DT323) or equivalent. The programme will provide students with the knowledge on which they can further develop the expertise necessary to become successful managers. Applications will be considered from holders of a DIT or HETAC Business Studies Certificate with Merit or Distinction in appropriate business subjects. Places are limited and application should be made through the DIT Advanced Entry system each year.

Subjects studied include:
- Business Policy
- Financial Management
- Marketing Strategy
- E-Business Management
- Business Case Studies

Electives (3 taken):
- Human Resource Management
- International Business
- Retail Management

Career Opportunities
Students who have reached the appropriate level in final examinations and meet certain subject prerequisites may have the opportunity to access honours degree programmes at the year 3 level in DIT and elsewhere in higher education.

Further Information
For updated information on this and other programmes at the Faculty of Business watch our website at www.dit.ie/business.

Main Locations
Mountjoy Square
Bolton Street
Cathal Brugha Street
Aungier Street
Rathmines Road
Temple Bar
Kevin Street
Chatham Row

ENTRY REQUIREMENTS 2005

<table>
<thead>
<tr>
<th>Minimum Number of Subjects</th>
<th>Minimum Grade in Maths</th>
<th>Minimum Grade in English or Irish</th>
<th>Other Requirements</th>
</tr>
</thead>
</table>

See Programme Description Above

ENTRY POINTS 2003 PLACES (APPROX) N/A

Subject to Validation

Programme Description
This programme aims to provide students with the opportunity to pursue a programme of studies which will challenge them to understand, acquire and develop the managerial skills and technical appreciation required to operate within an E Business environment. Applications will be considered from holders of a DIT or HETAC/NCEA Certificate in Marketing or Certificate in Business Studies with a marketing emphasis. Students are required to reach Distinction or Merit Level to qualify for admission to the Diploma in Marketing and E Business.

Career Opportunities
Graduates of this programme have a full range of career opportunities in marketing and e-business related areas. Exemptions: Holders of this award are entitled to generous exemptions from the examinations of the Marketing Institute and other professional bodies.

Further Information
Additional information on this programme, including information on career opportunities and detailed syllabi for the subjects in each year of the programme, is available on the DIT website: www.dit.ie/DIT/business/programmes/index.html
Alternatively you can contact:
Roger Sherlock
School of Marketing
t: 01 402 7033
e: roger.sherlock@dit.ie

Progression
Students who have reached the appropriate level in final examinations and meet certain subject prerequisites may have the opportunity to access honours degree programmes at the year 3 level in DIT and elsewhere in higher education.

Main Locations
Mountjoy Square
Bolton Street
Cathal Brugha Street
Aungier Street
Rathmines Road
Temple Bar
Kevin Street
Chatham Row

ENTRY REQUIREMENTS 2005

| Minimum Number of Subjects | Minimum Grade in Maths | Minimum Grade in English or Irish | Other Requirements |

See Programme Description Above

ENTRY POINTS 2003 PLACES (APPROX) N/A

Subject to Validation
Programme Description
This programme is aimed at those who have completed the Security Certificate DT325 and who wish to advance their career prospects within the specialist security area. The programme will provide students with the knowledge on which they can further develop the expertise necessary to become successful managers.

Subjects studied include:
- Business Policy
- Security Operations Management
- Security Law
- Computer Security
- Risk Management

Electives (3)
- Human Resource Management
- Applied Security Science
- Audit & Investigations
- Property Management
- International Business

Applications will be considered from holders of a DIT or HETAC/NCEA Business Studies Certificate in appropriate subject areas such as Business, law, facilities management etc.

Further Information
School of Retail and Services Management
Phone: 01 402 7057
eMail: michael.quinn@dit.ie

For updated information on this and other programmes in the Faculty of Business, watch our website at www.dit.ie/DIT/business/index.html

Career Opportunities
With recent changes in Irish legislation governing the private security industry, the career prospects for graduates have never been better. They will be ideally equipped for a wide range of careers in the security functions of private and public sector organisations or in specialised security providers.

Progression
Students who have reached the appropriate level in final examinations and meet certain subject prerequisites may have the opportunity to access honours degree programmes at the year 3 level in DIT and elsewhere in higher education.

Further Information
School of Retail and Services Management
Phone: 01 402 7057
For more details see our website at www.dit.ie/DIT/business/index.html

Programme Description
This two year programme provides a broad and rigorous foundation in key aspects of management. The programme addresses a wide range of business topics and introduces the student to the main management functions in business. It is an ideal foundation for further study.

Further Information
School of Retail and Services Management
Phone: 01 402 7057
For more details see our website at www.dit.ie/DIT/business/index.html

Career Opportunities
The programme provides an excellent basis for a career in business management in all types of organisations. In recent years, the vast majority of those graduating have gone on to study further at honours degree level in DIT or elsewhere.

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Further Information
School of Retail and Services Management
Phone: 01 402 7057
For more details see our website at www.dit.ie/DIT/business/index.html

Career Opportunities
The programme provides an excellent basis for a career in business management in all types of organisations. In recent years, the vast majority of those graduating have gone on to study further at honours degree level in DIT or elsewhere.
GRADUATE
Graduated:
that the programme was
that everyone got to know each other very
foundation in accounting, finance and
way that it provided me with an
Business Studies.
Having enjoyed studying finance,
This programme is designed to provide both a
range of business administration
Career
Systems and Management Marketing.
also
accounting, business
opportunities at a range of careers in the expanding
financial, industrial and commercial sectors.

Career Opportunities
A significant proportion of the graduates of
programme continue their studies to
opportunity to access honours degree
level.

Programme Description
This programme is designed to equip
students with a comprehensive grounding in
marketing and business. This ensures that
the student has the practical skills and
knowledge required at junior executive level.

Further Information
School of Accountancy and Finance
1 01 402 3097

Programme Description
This programme of study is designed to equip
the student with a comprehensive grounding in
marketing and business. This ensures that
the student has the practical skills and
knowledge required at junior executive level.

Further Information
School of Accountancy and Finance
1 01 402 3097

Useful Leaving Certificate Subjects*
Mathematics
Languages
Sciences
Engineering
Business
Construction
Art
* In some cases subjects in areas
indicated will be mandatory. See Entry Requirements Chart

Entry Requirements 2003
Minimum Number of Honours
Subjects
5
Maths
English or Irish
Other Requirements
0 03

Main Locations
Mountjoy Square
Rathmines Road
Graduate: 2001
Current Status: FX Spot Dealer

I began in DIT in 1996 with a Certificate in
Business Studies. Class sizes were small so
that everyone got to know each other very
quickly. I found that the lecturers were able
to provide students with individual attention
and were always very approachable. I feel
that the programme was tailored in such a
way that it provided me with an excellent
foundation in accounting, finance and
marketing. Having enjoyed studying Finance, I
succeeded in transferring to the DIT
Business Studies Degree where I specialised in
Finance. Since Graduating from the Degree
in 2001, I have completed a Masters in
Business Studies (Finance) in Smurfit Business
School. I have also spent 18 months working
in the USA as an Investment Manager. I am
currently working as a foreign exchange spot
dealer with a leading Irish bank. The years I
spent in DIT were invaluable. The knowledge,
experiences and friends I have gained will stay
with me for many years to come.”

Stephen Dunne graduated from the
Certificate in Marketing in 2001 and
Progressed to the Degree in Marketing where he
achieved a First Class Honours degree.
Stephen is now continuing his studies at
Postgraduate level conducting research.
Clearly a big fan of DIT, Stephen is based in
the Aungier Street campus, where he
describes the facilities for students as much
to better than elsewhere: “The libraries and
computer services are better...and for
recreation, the Students’ Centre is a lot bigger
here, and a lot more welcoming. In general, the
facilities here suit business students better”.

Entry Requirements 2003
Minimum Number of Honours
Subjects
5
Maths
English or Irish
Other Requirements
0 03

Main Locations
Mountjoy Square
Rathmines Road
Graduate: 2001
Current Status: Postgraduate student
(Marketing)

Stephen Dunne graduated from the
Certificate in Marketing in 2001 and
Progressed to the Degree in Marketing where he
achieved a First Class Honours degree.
Stephen is now continuing his studies at
Postgraduate level conducting research.
Clearly a big fan of DIT, Stephen is based in
the Aungier Street campus, where he
describes the facilities for students as much
to better than elsewhere: “The libraries and
computer services are better...and for
recreation, the Students’ Centre is a lot bigger
here, and a lot more welcoming. In general, the
facilities here suit business students better”.

Entry Requirements 2003
Minimum Number of Honours
Subjects
5
Maths
English or Irish
Other Requirements
0 03

Main Locations
Mountjoy Square
Rathmines Road
Graduate: 2001
Current Status: Postgraduate student
(Marketing)

Stephen Dunne graduated from the
Certificate in Marketing in 2001 and
Progressed to the Degree in Marketing where he
achieved a First Class Honours degree.
Stephen is now continuing his studies at
Postgraduate level conducting research.
Clearly a big fan of DIT, Stephen is based in
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to better than elsewhere: “The libraries and
computer services are better...and for
recreation, the Students’ Centre is a lot bigger
here, and a lot more welcoming. In general, the
facilities here suit business students better”.
Programme Description
Retailing is an exciting and dynamic business activity but also an ideal area for the development of new enterprise. This programme introduces students to the process of management of retail businesses, including business development, planning and control and marketing. In addition, it provides students with a range of analytical techniques needed for the development of new retail businesses.

For more details see our website at: www.dit.ie/DIT/study/undergraduate/courses/DT323.html

Career Opportunities
This certificate programme provides an ideal basis for a career in the management of retail organisations or is of particular interest to those who anticipate working in family-owned retail firms. A high proportion of recent graduates of this programme have gone on to further study at honours degree level.

Further Information
School of Retail and Services Management Tel 01 402 7057

USEFUL LEAVING CERTIFICATE SUBJECTS*

Mathematics
Languages
Sciences
Engineering
Business
Construction
Art

* In some cases subjects in areas indicated will be mandatory. See Entry Requirements Chart

STUDENT NEWS
Fergal Quinn outlines his service philosophy to DIT students

Senator Fergal Quinn, founder of Superquinn, visited DIT Aungier Street in March 2004 to speak to students of Retail and Services Management. He addressed an audience of 120 staff and students on the subject of "Superquinn service philosophy." Senator Quinn's visit was part of an ongoing process of bringing prominent industry figures to speak to students in the School of Retail and Services Management.

62 DIT Prospectus 2005
Programme Description
The private security industry, which is growing rapidly, is becoming more technologically sophisticated and is also subject to the influence of legislation and regulation in Ireland. Consequently the industry requires a higher level of management skills. This two-year programme gives students an understanding of a range of security industry principles, processes and technology all within a framework of business management.

For more details see our website at:
www.dit.ie/DIT/study/undergraduate/courses/DT325.html

Career Opportunities
This certificate programme provides an excellent basis for a career in the management of the security function of business and public organisations or for a management role within the private security industry.

Progression
Students who have reached the appropriate level in final examinations and meet certain subject prerequisites may have the opportunity to access honours degree programmes at the year 2 level in DIT and elsewhere in higher education.

Further Information
School of Retail and Services Management
01 402 7057

ENTRY REQUIREMENTS 2003

<table>
<thead>
<tr>
<th>Minimum Number of Honours Subjects</th>
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<tr>
<td>6</td>
<td>D3</td>
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* Applicants must submit a portfolio on 11th or 12th of March

Main Locations
Mountjoy Square  Bolton Street  Cathal Brugha Street  Aungier Street
Rathmines Road  Temple Bar  Kevin Street  Chatham Row

STAFF VIEW

Name: Michael Quinn

Current Status: Head of Department of Retail and Services Management.

"The students taking this certificate readily find jobs and careers in the private security industry which needs high calibre supervisory and managerial staff. Some also go into state security services such as fire fighting, the prison service and the Gardai."
# Faculty of Engineering

## Honours Degree Programmes (Level 8)

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<thead>
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<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>69</td>
<td>Computer Engineering</td>
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<td>70</td>
<td>Electronic, Electronic Engineering</td>
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<tr>
<td>71</td>
<td>Engineering (Common First Year)</td>
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<tr>
<td>72</td>
<td>Building Services Engineering</td>
</tr>
<tr>
<td>73</td>
<td>Manufacturing Engineering</td>
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<tr>
<td>74</td>
<td>Mechanical Engineering</td>
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<td>75</td>
<td>Structural Engineering</td>
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<tr>
<td>76</td>
<td>Product Design</td>
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<td>77</td>
<td>Transport Technology</td>
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## Ordinary Degree Programmes (Level 7)

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<td>Building Services Engineering</td>
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<td>80</td>
<td>Civil Engineering</td>
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<tr>
<td>81</td>
<td>Electrical and Control Engineering</td>
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<td>82</td>
<td>Electronics and Communications Engineering</td>
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<td>83</td>
<td>Electronic and Computer Systems</td>
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<td>84</td>
<td>Electrical Services Engineering</td>
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<td>Engineering Systems Maintenance</td>
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<td>Manufacturing Automation</td>
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<td>Mechanical Engineering</td>
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## Higher Certificate / Foundation Programmes (Level 6)

<table>
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<tr>
<td>68</td>
<td>Electronic and Computer Systems</td>
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<tr>
<td>69</td>
<td>Preliminary Engineering</td>
</tr>
</tbody>
</table>
Programme Description

Computer engineers are often found in the vital research, development and design departments of computer and software companies and related telecommunications companies. They are ideally placed to lead the development of many of the innovations needed for the evolution of the internet and mobile communications industries. Computer engineers are also key personnel in the efficient operation of health, entertainment, retail, financial, and aviation organisations. The programme combines elements of electronic, software, hardware and communications engineering to best fit the rapid convergence occurring in the ICT sector. It includes a significant amount of practical and laboratory work together with lectures and tutorials. A strong emphasis is placed on developing the practical design/development skills and in-depth knowledge required by high-tech companies in the sector.

Subjects studied include programming and computer systems, analogue signal processing, digital electronic design, computer networks, software engineering and business finance. There is an industrial placement in third year and a major project in the final year.

For Diploma holders the last two years of this programme are available on a part-time basis (See DT074)

A full programme outline is available on our website: www.dit.electronics.ie

Career Opportunities

Graduates will be well placed to pursue a highly satisfying, well-paid career taking up employment in areas such as computer engineering, software engineering, network engineering, embedded computer systems and mobile communications engineering.

Further Information

Mr John Dalton  
t 01 402 4802  
e jdalton@electronics.dit.ie

Mr Christopher Bruce  
t 01 402 4576  
e christopher.bruce@dit.ie

ENTRY REQUIREMENTS 2005

<table>
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<th>Subjects</th>
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Main Locations

Mountjoy Square  
Bolton Street  
Cathal Brugha Street  
Aungier Street  
Chatham Row

STUDENT PROFILE

Name: John Woods  
Current Status: Second Year

"Given that my two favourite subjects at school were maths and science, a degree in Computer Engineering at DIT seemed like a natural choice to me. The DIT academic environment is perfect. Classes are small which gives me excellent access to lecturers and the course structure is an ideal mix of both the practical and theoretical. Even though I have just started my degree I know that these four years are going to be really productive and a whole lot of fun."
Programme Description
This programme educates students to an honours level in electrical and electronic engineering, and meets the educational standard required for chartered engineering membership of the Institution of Engineers of Ireland. The first two and a half years of the programme are common core, with all students studying the same topics. Students study mathematics, engineering design and business and management courses. Laboratory projects and practicals enable the student to apply theoretical skills in a hands-on and practical manner.

Students select one of the following major options in third year:

- Power Systems Engineering - analysis and design of modern power systems and associated plant
- Control Engineering - robust and automated systems
- Communication Engineering - advanced communications, including satellite and mobile systems of the future
- Computer Engineering - the programming and development of state-of-the-art computer systems.

In the final year, students undertake a major engineering project.

The programme has been accredited by the Institution of Engineers of Ireland as satisfying the academic requirements for Corporate Membership of the institution.

Career Opportunities
Graduates have developed advanced systems for racing cars and prototype aircraft, and robotic production lines for leading electronic manufacturing companies. Other graduates have developed computerised patent records, bank machine networks and telephone systems, aircraft control systems and air traffic control software to allow aircraft to communicate with the control tower.

Graduates generally start work as design or production engineers and move on to become engineering team leaders of large projects such as building a wind farm or designing a new high tech alarm system.

Progression
Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in higher education.

Further Information
Mr. M. Farrell
Head, Department of Electrical Engineering
Tel: 01 402 4874
Email: Michael.Farrell@dit.ie

Points for weighted subjects

Further Information
Dr. Pat McCormack,
Head, Department of Engineering Science and General Studies
Tel: 01 402 4039
Email: Patrick.McCormack@dit.ie

Programme Description
The Honours Engineering Degree programmes are four-year full-time programmes which prepare students for a career in engineering up to the highest levels of responsibility. This is the common first year of these programmes and the final degree is taken in one of the following four options:

- DT026 Building Services Engineering
- DT022 Mechanical Engineering
- DT023 Manufacturing Engineering
- DT024 Structural Engineering

Subjects studied will include Mathematics, Mechanics, Physics, Chemistry, Engineering Drawing, Introduction to Engineering and Engineering Applications, Professional Development, Workshop, Laboratory Work, Computing.

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

Further Information
Mr. M. Farrell
Head, Department of Electrical Engineering
Tel: 01 402 4874
Email: Michael.Farrell@dit.ie

Points for weighted subjects

Further Information
Dr. Pat McCormack,
Head, Department of Engineering Science and General Studies
Tel: 01 402 4039
Email: Patrick.McCormack@dit.ie

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- DT026 Building Services Engineering
- DT022 Mechanical Engineering
- DT023 Manufacturing Engineering
- DT024 Structural Engineering

Further Information
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Head, Department of Electrical Engineering
Tel: 01 402 4874
Email: Michael.Farrell@dit.ie

Points for weighted subjects

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- DT022 Mechanical Engineering
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- DT024 Structural Engineering

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- DT026 Building Services Engineering
- DT022 Mechanical Engineering
- DT023 Manufacturing Engineering
- DT024 Structural Engineering

Further Information
Mr. M. Farrell
Head, Department of Electrical Engineering
Tel: 01 402 4874
Email: Michael.Farrell@dit.ie

Points for weighted subjects
Programme Description
Building Services Engineering is concerned with the design and installation of mechanical and electrical systems necessary to bring a building alive and to make it function efficiently. The engineers work closely with architects, builders, quantity surveyors and structural engineers and are a vital part of the professional construction team. Work opportunities are varied, and there are opportunities for specialisation in areas such as environmental aspects.

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 systems 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. Career opportunities also arise in the fields of Construction Project Management and Facilities Management particularly in the area of modern industrial facilities involving clean room manufacturing, such as in pharmaceutical and electronics production.

Graduates are eligible for Membership of the Institution of Engineers of Ireland and are also accepted for entry to appropriate postgraduate programmes in Ireland and abroad.

Progression
Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in higher education.

Further Information
Mr. Daniel Byrne
Head, Department of Building Services Engineering
T: 01 402 3636

ENTRY REQUIREMENTS 2005

<table>
<thead>
<tr>
<th>Subject</th>
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<tr>
<td>Other</td>
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</table>

SUCCESSFUL COMPLETION OF COMMON FIRST YEAR (DT025)

Main Locations
Mountjoy Square
Brugha Street
Aungier Street
Kevin Street
Chatham Row

GRADUATE PROFILE

Name: Aislinn Smith
Graduated: 2002
Current Status: Consultant Engineer

"I joined DIT in 1997. I firstly undertook a Certificate and then a Diploma in Building Services. Using the 'ladder system' I then transferred into the Engineering (Building Services) Degree Programme. DIT engineering programmes not only train you in your chosen field of engineering, but they are varied enough so that you have the knowledge and expertise to excel in any area of engineering. I felt that the small class numbers allowed me to become more involved during studies which also led to a boost in self-confidence and interpersonal skills, a vital attribute for any engineer. My years in DIT were both challenging and enjoyable. Since graduating I have enjoyed a career in engineering consultancy where the skills and knowledge I obtained during my studies are put to use on a daily basis."

Programme Description
Students enter the second year of the Structural Engineering Degree following the completion of a common first year programme in Engineering (DT025). It is expected that students commencing the third year of the Structural Engineering Degree programme will be offered a choice of optional subjects in both the third and fourth years of the programme.

Subjects studied include mathematics, surveying, construction technology, design of structures, soil mechanics, computing, highway engineering and laboratory work. A major project is undertaken in the final year.

Career Opportunities
Structural Engineering 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 Services Engineers. Graduates of Structural Engineering have the prospect of employment with contractors, research organisations, consultants, as well as state and semi-state agencies and local authorities. Some pursue postgraduate 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. Graduates are eligible for Membership of the Institution of Engineers of Ireland and are also accepted for entry to appropriate postgraduate programmes in Ireland and abroad.

Progression
Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in higher education.

Further Information
Mr. Joe Kindregan
Head, Department of Civil and Structural Engineering
T: 01 402 3638

ENTRY REQUIREMENTS 2005

<table>
<thead>
<tr>
<th>Subject</th>
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<tr>
<td>Other</td>
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</tbody>
</table>

SUCCESSFUL COMPLETION OF COMMON FIRST YEAR (DT025)

Main Locations
Mountjoy Square
Brugha Street
Aungier Street
Kevin Street
Chatham Row
Programme Description

General mechanical or process engineering is one of the broadest of the engineering disciplines, covering all industry sectors including power generation, heating, transport engines, manufacturing equipment and all types of machinery.

Subjects studied include mathematics, engineering design, automation systems, computing, control engineering and laboratory work.

A major project is undertaken in the final year.

Year 2 is common to DT022 and DT023 - in year 3 students choose between Mechanical or Manufacturing engineering.

Career Opportunities

The qualification is appropriate to those wishing to specialise in either general Mechanical or Process Engineering. Mechanical Engineers are involved with the design and construction of all types of equipment ranging from individual items to complete factories or process plants. They may also be involved with the management of projects and firms and with the maintenance of plant and equipment.

Graduates are eligible for Membership of the Institution of Engineers of Ireland and are also accepted for entry to appropriate postgraduate programmes in Ireland and abroad.

Programme Description

There is a common second year for Mechanical and Manufacturing students. At the end of second year students have the option of taking either Mechanical Engineering (DT022) or Manufacturing Engineering (DT023) in their third year.

Subjects studied include mathematics, mechanics, computing, engineering design, materials science, automation systems, advanced manufacturing engineering and laboratory work.

A major project is undertaken in the final year.

Further Information

Head, Department of Mechanical Engineering.

t 01 402 3605

Main Locations

Mountjoy Square
Rathmines Road
Bolton Street
Temple Bar
Kevin Street
Chatham Row

Entry Requirements 2005

<table>
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<tr>
<th>Minimum Number of Subjects</th>
<th>Minimum Grade in English or Irish</th>
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<tbody>
<tr>
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</tbody>
</table>

Successful Completion of Common First Year (DT022)

Entry Points 2003

N/A

Places (Approx)

-
Programme Description
The Dublin Institute of Technology has developed this new programme in response to market demand to produce graduates with the necessary theoretical knowledge and practical skills to work in today's demanding design fields. They will be capable of applying engineering principles in order to evolve a products development cycle from initial concepts through iterative designs and finally to manufacture products. The ability to marry this expertise with innovation and creativity will be developed throughout the programme. Engineering and design principles will be supported by a sound knowledge and competency in the area of business and marketing. Areas of study during the four year programme include CAD and Drawing, Manufacturing and Materials, Applied Mathematics and Science, Marketing, Applied Creativity, Design and Manufacture, Design Innovation, Rapid Product Development, Enterprise Development, Business Process Management, Auto Design, Medical Design, Product Design and Innovation. A major project is also undertaken in fourth year.

Career Opportunities
Product Design offers a career which can be utilised in a broad array of industries. Every product moves through a development cycle which some professionals will have contact with as the design develops but the product designer oversees the complete development cycle. From the electronic industry to the automotive, medical and aero industries the product designer contributes his skill and expertise in helping to develop and drive these areas.

Progression
Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in Higher Education.

Further Information
Department of Applied Technology

ENTRY POINTS 2003 PLACES (APPROX)
375 40

USEFUL LEAVING CERTIFICATE SUBJECTS*

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<th>Mathematics</th>
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<td></td>
<td>Construction</td>
<td>Art</td>
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* *In some cases subjects in areas indicated will be mandatory. See Entry Requirements Charts.

Main Locations
Mountjoy Square
Bolton Street
Cathal Brugha Street
Aungier Street
Kevin Street
Chatham Row

CAREER PROFILE:

Designers play a vital role in the development cycle of both industrial and domestic design. They integrate the creative process with the ability to Design for Manufacture. Their goal is to meet and continuously adjust design concepts to take account of engineering and manufacturing requirements. Their creative ability supports their company's continued success while their technological ability helps to produce design which can be brought to the market place as viable products. They incorporate considerations such as economics, engineering, cultural, aesthetics, ergonomics and the environment into their designs.
Programme Description

The motor industry is an exciting and dynamic place to work. This programme is tailored to prepare graduates to perform in senior technical, administrative, supervisory and management positions. It will equip them with the necessary mix of academic and practical skills, giving them an interdisciplinary approach to carrying out tasks. An important part of the programme is the 2/3 months placement which students will spend in suitable, related, employment each summer which further enhances subsequent employment prospects.

Career Opportunities

Graduates of the programme have a wide range of career options. Employment prospects are excellent as there is a continuously strong demand for suitably qualified graduates to fill the many technical, administrative, supervisory and management positions available in all sectors of the motor industry.

Programme Description

Students who have reached the appropriate level in final examinations and meet certain subject prerequisites may have the opportunity to access honours degree programmes at the year 3 level in DIT and elsewhere in higher education.

Students who successfully complete year two of this programme and who do not wish to progress to the third year will receive a Higher Certificate award.

Further Information

Mr. Ken Bracken
Assistant Head
Dept. of Transport Engineering
Tel: 01 402 3602
Fax: 01 402 3991
Email: ken.bracken@dit.ie

ENTRY REQUIREMENTS 2005

<table>
<thead>
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*In some cases subjects in areas indicated will be mandatory. See Entry Requirements Charts.

Main Locations

Mountjoy Square
Rathmines Road
Bolton Street
Temple Bar
Cathal Brugha Street
Kevin Street
Aungier Street
Chatham Row
CIVIL ENGINEERING

Programme Description
This programme presents applicants with an opportunity to develop their mathematical and analytical skills to solve many of the problems encountered in the broader civil engineering industry. Civil Engineering is an ideal choice for aspiring graduates looking for a high tech career that offers opportunities to solve, consulting, contracting, materials supply and as building site managers. Some graduates can expect to be in private practice or working on behalf of national and local authorities. Graduates can expect a varied and challenging career with good salaries, secure employment and good promotion opportunities.

Recognition by professional bodies
Those who successfully complete this programme meet the Technician Engineer academic requirements of the Institution of Engineers of Ireland and may qualify for the Associateship grade of membership after they have completed a suitable period of practical training.

Progression
Students who have reached the appropriate level in final examinations and meet certain subject prerequisites may have the opportunity to access honours degree programmes at the year 3 level in DIT and elsewhere in higher education.

Students who successfully complete year two of this programme and who do not wish to progress to the third year will receive a Higher Certificate award.

Further Information
Mr. Joe Kirkegan
Head, Department of Civil & Structural Engineering
01 402 2638
joseph.kirkegan@dit.ie

Career Opportunities
Civil Engineering graduates can expect excellent employment prospects with recognised career path opportunities in consulting engineering design offices, contracting, materials supply and as building site managers. Some graduates can expect to be in private practice or working on behalf of national and local authorities. Graduates can expect a varied and challenging career with good salaries, secure employment and good promotion opportunities.

USEFUL LEAVING CERTIFICATE SUBJECTS*
- Mathematics
- Languages
- Sciences
- Engineering
- Business
- Construction
- Art

* In some cases subjects in areas indicated will be mandatory. See Entry Requirements Charts.

Main Locations
Mountjoy Square ə Bolton Street ə Cathal Brugha Street ə Aungier Street ə Kevin Street ə Chatham Row
Rathmines Road ə Temple Bar

ENTRY POINTS 2003
385

PLACES (APPROX)
65

ENTRY REQUIREMENTS 2005

Minimum Number of Honours
Maths
English or Irish
Other Requirements

5
063
063

80 DIT Prospectus 2005

ELECTRICAL & CONTROL ENGINEERING

Programme Description
This programme educates students for careers in Ireland's electrical power, automation, robotics, pharmaceutical and manufacturing industries.

Students will develop the skills necessary to analyse complex electrical and electronic circuits and power systems. In addition they will acquire computing skills, ranging from ECDL to advanced level programming in control and automation systems. A further important feature of the programme is that of building the students communication, professional development and management skills. In the final year all students complete an engineering project in their chosen specialist field.

In the first year the student is introduced to a broad range of foundation courses that underpin modern Electrical Engineering. At the start of the second year the student is offered the choice of one of two streams in either Control and Automation Systems or Electrical Energy Systems. In addition there are a number of option courses available to allow the student broaden his/her knowledge base.

Electrical Energy Systems: techniques used and the equipment required for the efficient generation, transmission and use of electricity.

Control and Automation Systems: design and programme robotic production lines and other automated systems.

Career Opportunities
Electrical and Control Engineering graduates from DIT have found employment in a variety of engineering roles: from day to day running of ECG machines and ventilators in hospitals to engineering technologist positions in manufacturing plants and in the electrical power industry. Graduates are responsible for the electricity supply and electronic systems on cruise liners and aircraft. They also develop and install high-security alarm systems, advanced lighting, and automated production equipment.

Progression
Students who have reached the appropriate level in final examinations and meet certain subject prerequisites may have the opportunity to access honours degree programmes at the year 3 level in DIT and elsewhere in higher education.

Students who successfully complete year two of this programme and who do not wish to progress to the third year will receive a Higher Certificate award.

Further Information
Dr. Eugene Coye, School of Control Systems and Electrical Engineering:
01 402 4873
eugene.coyle@dit.ie

ENTRY REQUIREMENTS 2005

Minimum Number of Honours
Maths
English or Irish
Other Requirements

5
063
063

Main Locations
Mountjoy Square ə Bolton Street ə Cathal Brugha Street ə Aungier Street ə Kevin Street
Rathmines Road ə Temple Bar ə Chatham Row

ENTRY POINTS 2003
175

PLACES (APPROX)
60

USEFUL LEAVING CERTIFICATE SUBJECTS*
- Mathematics
- Languages
- Sciences
- Engineering
- Business
- Construction
- Art

* In some cases subjects in areas indicated will be mandatory. See Entry Requirements Charts.

DIT Prospectus 2005
ELECTRONICS AND COMMUNICATIONS ENGINEERING

DT008
THREE YEARS
BACHELOR OF ENGINEERING TECHNOLOGY ELECTRONIC & COMMUNICATIONS ENGINEERING

Programme Description
The programme prepares students for challenging careers in Electronic and Communications Engineering in areas such as design support, development and production. The programme has a particular focus on Communications Engineering, particularly in the latter years.

Communications technology is one of the most sophisticated and rapidly changing application areas of electronics. It now pervades the daily lives of every person, through mass communication networks, as well as person-to-person communications based on fixed and wireless networks. A good example is the Internet which has undergone explosive growth in the last few years. Communications also now involves a wide range of information, not just voice, but data, multimedia and video.

Programme Description

Careers
Graduates of the programme can pursue a highly satisfying, well-paid career path in areas of employment such as working as part of a design team or developing sophisticated test systems. After gaining some experience there are also middle management opportunities. This programme will find employment for our graduates in a wide range of industries such as electronics, communications, pharmaceuticals, and other related areas.

Progression
The DT "Ladder System" allows students who reach the appropriate level in final examinations progress to honours degree programmes. (See DT01 & DT021)

Students who successfully complete year two of this programme and who do not wish to progress to the third year will receive a Higher Certificate award.

Further Information
Dr Gerald Farrell
01 402 4577
01 475 6669
gerald.farrell@dit.ie

USEFUL LEAVING CERTIFICATE SUBJECTS*

Mathematics 🟩
Languages 🟧
Sciences 🟧
Engineering 🟧
Business 🟧
Construction 🟧
Art 🟧

*In some cases subjects in areas not included will be mandatory. See Entry Requirements Chart.

ENTRY REQUIREMENTS 2005

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<tr>
<th>Subjects</th>
<th>Minimum Number of Honours</th>
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<th>English or Irish</th>
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Main Locations
Mountjoy Square
Bolton Street
Cathal Brugha Street
Aungier Street
Kevin Street
Chatham Row

STAFF VIEW

Name: Chris Bruce
Current Status: Head of the Department of Electronic Engineering

"Our modern world could not exist without modern electronic communications technology. It pervades every aspect of our lives. Consider life without the internet and mobile phones or the future without the continuing rapid development of data, multimedia and video communications. The degree in Electronic and Communications Engineering prepares students to work as Technician Engineers in this exciting electronically driven world in areas such as design or operational support, development, test and production.

Graduate Profile

Name: Chau Nguyen
Graduated: 2004
Current Status: Planning to do the Degree in Electrical/Electronic Engineering

"Studying at DIT was both a challenge and a pleasure. The friends I made are like a new family to me. The lecturers treated us all as equals and the practical approach that they have to teaching has contributed considerably to the value of my qualification. I am confident that wherever I choose to work in the world the extra merit of my qualifications from DIT will be instantly recognised."
Programme Description
The field of Electrical Services Engineering covers a wide area of electrical engineering technology used in modern buildings today. These high-tech buildings are equipped with sophisticated environmental control and communication systems. The design of the electrical services for such a building is the domain of the Electrical Services Engineer. These services include electrical power distribution, standby generation, lighting, emergency services (lighting and fire), access control, data services, automation, building management systems and many more. Students will have a keen interest in how things work and in problem solving. There is plenty of scope for exercising innovation, creativity and flair when using new technology to solve everyday problems. Green building technology, efficient use of energy, sustainability are all areas that are addressed. The programme also includes modules in project management, refrigeration; heating, ventilation and air-conditioning, in order to provide for progression to other programmes in the DIT and elsewhere. The weekly class contact of 27 hours is broken down to 50% lectures and 50% laboratory. Ten hours of self-study is recommended per week. The programme features elements of continuous assessment in all subjects.

Career Opportunities
Electrical Services engineers enjoy a very varied, interesting and well-paid work environment. There are many areas in which graduates can develop an interest and subsequently specialise. These include working in an electrical design office for a consulting engineer, as engineering systems support in the manufacturing sector, technical sales support, project management, environmental control or in the provision of industrial services. The work invariably involves both office based and site location activity.

Further Information
Kevin Kelly, Department of Electrical Services Engineering, Faculty of Engineering
Telephone: 042 4771
e-mail: kevin.t.kelly@dit.ie
Ms Sonia Nolan, Secretary, Department of Electrical Services Engineering, Faculty of Engineering
Telephone: 042 4617
e-mail: electionservices@dit

USEFUL LEAVING CERTIFICATE SUBJECTS*

Mathematics
Languages
Sciences
Engineering
Business
Construction
Art

* In some cases subjects in areas indicated will be mandatory. See Entry Requirements Chart.
Programme Description

Mechtronics Automation (Engineering) is a discipline about the design and application of Mechatronics and Control Engineering to Manufacturing Systems. Mechatronics is the combination of Mechanical, Electrical and Electronic Engineering which makes all modern machines work. Students will be involved in many aspects of design using skills such as 3D computer-aided design (CAD) and programming microprocessor controllers as well as learning how whole systems work and are managed. The programme is designed to allow students to work in modern manufacturing industry from the most basic technology or process, to robotics, to fully integrated manufacturing systems no matter what the product or process may be. The course is an excellent combination of the most basic technology or process, to robotics, to fully integrated manufacturing systems no matter what the product or process may be.

Career Opportunities

Excellent! The qualification is appropriate to those wishing to take up employment in the high tech manufacturing sector as high calibre technologists. Typical industries are electronics, health-care, bio-medical and pharmaceutical manufacturing.

Progression

Opportunities exist for students to progress to honours degree programmes provided certain grades are achieved in the final examinations. Students who successfully complete year two of the programme and who do not wish to progress to the third year will receive a Higher Certificate award.

Further Information

Department of Manufacturing Engineering
- Tel: 01 402 3626 (Secretary)
- Tel: 01 402 3623 (Head of Department)
- manutronics@dit.ie

USEFUL LEAVING CERTIFICATE SUBJECTS*

- Mathematics
- Languages
- Sciences
- Design
- Business
- Construction
- Art

* In some cases subjects in these indicated will be mandatory. See Entry Requirements Charts.

ENTRY REQUIREMENTS 2005

<table>
<thead>
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<th>Minimum Number of Subjects</th>
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</table>

Main Locations

- Mountjoy Square
- Rathmines Road
- Bolton Street
- Cathal Brugha Street
- Kevin Street
- Chatham Row
- Aungier Street
- Temple Bar
- Kevin Street
- Chatham Row

**CAREER PROFILE**

Automation Technologists are concerned with the operation of production systems, which involves the integration of mechanical, manufacturing, electrical, electronic systems with IT and computer technology at all levels in automation and manufacturing. The role of the graduate is to work with hybrid electro-mechanical systems operating under programmed control.
Programme Description
The programme provides a broadly based education in the fundamental principles and practice of electronic engineering. It is at 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 in the electronic, production, test and service sectors of the industry.

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.

Progression
The DIT 'Ladder System' allows students who reach an appropriate level in final examinations progress to ordinary and honours degree programmes (See DT088, DT008, DT081 & DT021)

Further Information
Mr Michael Tully
Mr Christopher Bruce
f 01 402 4790
f 01 475 6669
e michael.tully@dit.ie
e christopher.bruce@dit.ie

USEFUL LEAVING CERTIFICATE SUBJECTS*
Mathematics
Languages
Sciences
Engineering
Business
Construction
Art

* In some cases subjects in areas indicated will be mandatory. See Entry Requirements Charts.

ENTRY REQUIREMENTS 2003
Minimum Number of Honours.

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Main Locations
Mountjoy Square
Bolton Street
Cathal Brugha Street
Augier Street
Kevin Street
Chatham Row

GRADUATE PROFILE
Name: Gavin Farrell
Graduated: 2004
Current Status: Returning to DIT to undertake Diploma in Electronic & Computer Systems

"I had always wanted to work with computers but I wasn't sure which area would suit me best. I chose to study the Certificate in Electronic & Computer Systems at DIT as this course suited me. It meant that I could make the decision to specialise later on when I had gained more experience. The programme is a good mixture between hardware and software. There are plenty of labs and practical work which I preferred as it is more "hands on". Another distinct advantage of studying at DIT is that once I finished my Certificate, I could use their "ladder system" and stay on to complete a degree. Everyone at DIT was really friendly and helpful. I really couldn't have chosen better."

PRELIMINARY ENGINEERING

Programme Description
The Preliminary Engineering programme is specially designed to prepare students for entry onto the engineering honours degree programmes in the Dublin Institute of Technology. The programme provides a direct route into professional engineering studies for students who would not otherwise be qualified for entry.

Career Opportunities
Students who pass the end-of-year examination and meet the assessment criteria throughout the year may proceed to one of the DIT professional engineering honours degree programmes:

DT021 ( common first year for DT026 Building Services Engineering, DT022 Mechanical Engineering, DT023 Manufacturing Engineering and DT024 Structural Engineering Honours Degrees.)

DT026 Transport Technology Honours Degree.

DT021 Electrical/ Electronic Engineering Honours Degree.

DT081 Computer Engineering Honours Degree.

Further Information
Drs. Patrick McCormack
Department of Engineering Science and Computing
f 01 402 4576
e patrick.mccormack@dit.ie

Subjects include Mathematics, Applied Mathematics, Engineering, Physics, Chemistry, Engineering Applications, Communication Studies and Computing. Practical experience is gained in laboratories and workshops.

Students are required to take the examination at the end of the session, to present laboratory notebooks and to complete project work reports/assessments to the satisfaction of the host Department.

ENTRY REQUIREMENTS 2003
Minimum Number of Honours.

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Main Locations
Mountjoy Square
Bolton Street
Cathal Brugha Street
Augier Street
Kevin Street
Chatham Row

GRADUATE PROFILE
Name: Ciara Ahern
Current Status: Contracts Manager

"On leaving school I decided that I wanted to be an engineer. I did not study honours maths for my Leaving Certificate and this meant I could not get straight into a degree. So I chose to do the preliminary engineering programme in DIT. Depending on your result, prelim allows you to obtain the necessary requirements for entry into the degree course at DIT. After completing the programme I went on to four more years of study in DIT, specialising in Building Services Engineering. I found that my engineering degree made me a valuable employee in my own sectors. This meant that I was in the lucky position of having choices as to my desired career path, an enviable position at this stage."

ENTRY POINTS 2003
Places (Approx)

| 200 | 60 |

ENTRY POINTS 2003
Places (Approx)

| 330 | 45 |
Faculty of Science

HONOURS DEGREE PROGRAMMES (LEVEL 8)

92 DT226 Biochemistry and Molecular Biology/Biotechnology
93 DT204 Biomedical Science
94 DT290 Chemical Sciences
95 DT299 Clinical Measurement
96 DT228 Computer Science
97 DT202 Forensic and Environmental Science
98 DT223 Human Nutrition and Dietetics
99 DT205 Mathematical Sciences
100 DT224 Optometry
101 DT222 Physics Technology

ORDINARY DEGREE PROGRAMMES (LEVEL 7)

102 DT211 Computing
103 DT212 Physical and Life Sciences
This programme is offered over one and a half years enabling such graduates to achieve an honours degree qualification. The programme is recognised by the Institute of Biology for the professional award of Graduates are universally recognised by industry, academic institutions and the Department of Education and Science. Second level teachers having this professional recognition qualify for honours degree Technology with Merit 1 or Distinction, or (ii) An appropriate Diploma in Biological (iii) A BSc pass degree with the equivalent of (iv) The minimum number of minimum grade in Biology and Molecular Biology.

Application Procedure
Application must be made on the Advanced Admissions Entry form, which is available from the Dublin 2.

Career Opportunities
Honours graduates of this programme may proceed to postgraduate studies leading to the award of MPhil or PhD at research institutes and universities worldwide. They may, depending on the option taken, apply for graduate positions in Medical, Veterinary, Pharmaceutical, Forensic and Food Laboratories, in Biomedical, Biotechnological, Food, Beverage and allied industries and in research and development.

Progression
Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in higher education.

Further Information
Biochemistry and Molecular Biology
Dr. Louis Armstrong,
School of Biological Sciences,
t 01 402 4908
Email: louis.armstrong@dit.ie

Biochemistry and Biotechnology
Dr. Ursula MacEvilly,
School of Biological Sciences,
t 01 402 4813
Email: ursula.macevilly@dit.ie

There are excellent career opportunities for graduates in the health services in Ireland and abroad. In addition, graduates can obtain employment as scientists in biomedical and biotechnological industries.

Entrance Requirements
(i) Irish Leaving Certificate or O-Level, or equivalent, with 'A' or 'B' grade in Mathematics & English.
(ii) Irish Leaving Certificate or O-Level, or equivalent, with 'A' or 'B' grade in Mathematics.
(iii) Irish Leaving Certificate or O-Level, or equivalent, with 'A' or 'B' grade in English.

Further Information
Secretary
School of Biological Sciences
1 402 4562

* In some cases subjects in areas indicated will be mandatory. See Entry Requirements Chart.
**CHEMICAL SCIENCES**

**PROGRAMME DESCRIPTION**

This programme extends over three full-time semesters. The aim is to provide a pathway for graduates with pass degree/JSC standard qualifications to proceed to an honours degree qualification and so be eligible for the professional award of associate member of the Royal Society of Chemistry (ARSC). The programme consists of modules in:

- Inorganic Chemistry
- Organic Chemistry
- Physical Chemistry
- Analytical Chemistry
- Chemical Technology

These modules are covered over the first and second semesters. For the third semester each student undertakes a research/development project. Projects may be based on campus, in industry or in European or in American universities and research institutes throughout Europe and America. Alternatively many graduates decide to enter directly into the wide-ranging pharmaceutical/chemical industry. Many graduates hold senior positions in industry both in Ireland and abroad.

**Career Opportunities**

Graduates are eligible to apply for Higher Diploma in Education programmes and for MPhil and PhD research programmes at universities and research institutes throughout Europe and America. Alternatively many graduates decide to enter directly into the wide-ranging pharmaceutical/chemical industry. Many graduates hold senior positions in industry both in Ireland and abroad.

**Progression**

Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in higher education.

**Further Information**

Dr. Barry Foley  
School of Chemistry  
01 402 4645  
barry.foley@dit.ie

**Clinical Measurement**

**PROGRAMME DESCRIPTION**

In this unique programme our students learn to measure and image the biological activity of the human body and to provide diagnostic information to Medical Staff. It is not necessary to have done physics prior to entry in the first two years the students learn about the physiology, anatomy and biochemistry of the body and the use of technology in providing diagnosis. Students spend their third and some of fourth year on hospital placement to learn how to apply their training and knowledge in a clinical setting. A hospital based research project is undertaken in fourth year.

**Career Opportunities**

The area of Clinical Measurement within the health service is growing fast in Ireland and demand for graduates is high. It is expected that the majority of graduates will find employment in Clinical Measurement in hospitals in Ireland and abroad. They may also work in medical device manufacture, research and development or in sales and marketing.

**Further Information**

Mr. A. Meade,  
School of Physics,  
01 402 4691  
aidan.meade@dit.ie

**USEFUL LEAVING CERTIFICATE SUBJECTS**

- Mathematics
- Languages
- Sciences
- Engineering
- Business
- Construction
- Art

*In some cases subjects in areas indicated will be mandatory. See Entry Requirements Chart

**ENTRY REQUIREMENTS 2005**

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</table>

**Main Locations**

Mountjoy Square  
Chatham Row  
Bolton Street  
Cathal Brugha Street  
Aungier Street  
Kevin Street

**CAREER PROFILE**

Name: Jacinta Augustine  
Current Status: Chief II in Clinical Neurophysiology at Tallaght Hospital

"I have been working as a clinical measurement scientist for twenty-seven years, and am currently submitting an MPhil thesis in Clinical Measurement at DIT entitled "An investigation of the effect of vibration in surface electrode type and placement on action potentials elicited by peripheral nerve stimulation." Nerve conduction studies are one of the many investigations that Clinical Measurement Scientists use to help in the diagnosis of diseases of the nervous system. The job of a clinical measurement scientist is really rewarding as we work in contact with patients in multidisciplinary teams, and we are intimately involved in providing clinical diagnoses on a wide range of disorders."


Programme Description

This programme aims to prepare graduates to function as software application developers in commercial and industrial environments and to equip them with a wide and educationally sound foundation which will give them the flexibility needed in an industry which is constantly changing. Students spend the first two years gaining a firm foundation and understanding of object-oriented programming, internet technologies, mathematics, operating systems and basic software. Thereafter, students choose one of three main routes - Software Development and Internet Systems, Computer Systems Architecture & Administration; Data & Knowledge Management — which are developed over the next two years.

Career Opportunities

Graduates from the School of Computing have been very successful in pursuing quality careers in the ICT industry. The School has institutional links with many industrial leaders such as Oracle, Datatel, and Computer Associates through sponsorship and through project cooperation. The main thrust of the programme is towards industrial and commercial applications. Recent government surveys have identified high-value opportunities in systems technology and in data and knowledge management. This programme embraces these new directions.

Further Information

Mr. Oliver O'Connor, School of Computing  
T: 01 402 4822  
e: oliver.oconnor@dit.ie

STUDENT NEWS

Peter Cahill of DIT was one of seven final year Computer Science students who were recently awarded with IBM ThinkPad laptops as a result of winning IBM Dublin Software Lab's Eclipse - Open Source Software Innovation Competition. Peter received the award for his project which involved the development of a speech synthesizer that is capable of reading any text aloud from portable devices such as PDAs.

ENTRY REQUIREMENTS 2005

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Main Locations

Munster Square  
Bolton Street  
Cathal Brugha Street  
Kevin Street  
Aungier Street  
Chatham Row

FORENSIC & ENVIRONMENTAL SCIENCE

BACHELOR OF SCIENCE (FORENSIC & ENVIRONMENTAL SCIENCE) HONOURS DEGREE - LEVEL 8

Programme Description

The exciting career paths open to a BSc honours graduate of this programme include monitoring environmental pollution, chemical analysis, and forensic analysis used in solving crime. If you are interested in pursuing this course of study you will need an aptitude for physics, chemistry and biology, and you will also need an analytical mind, a logical perspective, and an ability to problem solve. The first two years of the programme provide a good foundation in the physical sciences. In the final two years the emphasis is on forensic and environmental science, featuring case studies and developing team-working skills. A six month work placement features in the programme between years 3 and 4.

Career Opportunities

Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in higher education.

Further Information

Dr. J. Cassidy  
School of Chemistry  
T: 01 402 4779  
e: john.cassidy@dit.ie

or

Dr. J. Fox  
School of Chemistry  
T: 01 402 4948  
e: john.fox@dit.ie

ENTRY REQUIREMENTS 2005

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</table>

Main Locations

Mountjoy Square  
Bolton Street  
Cathal Brugha Street  
Kevin Street  
Aungier Street  
Chatham Row

CAREER PROFILE

The graduate would be involved in the area of chemical analysis. Typical activities include

- Sampling and/or monitoring
- Validating analytical methods
- Applying analytical instrumental techniques for the determination of certain chemicals
- Compiling and interpreting results
- Defending the results in court, should the results form the basis of a legal enquiry.

The graduate would be expected to have a good problem solving ability and teamwork skills, in order to resolve problems in industry. The first graduates from this programme graduate in summer 2006.
Programme Description
Optometry requires a detailed understanding of the functions of vision and of the human eye. This programme is designed to provide an education in the sciences associated with vision, and their clinical application in the examination and assessment of visual functions. Topics in the programme range from the sciences such as optics, anatomy, physiology and pharmacology, to the specialist optometric subjects including optometric examination techniques, contact lenses, binocular vision, and the detection and recognition of eye diseases. Clinical training as an optometrist takes place within the DIT Optometry Clinic, and other practice locations. Optometry calls for a high degree of accuracy, attention to detail, and a measure of manual dexterity. Optometrists also need an interest and ability in scientific work and an ability to work well with people and to win their confidence. This degree programme is recognised for entry to the professional examinations necessary for the practice of Optometry.

Career Opportunities
Graduates of this programme are eligible to take the examinations of the Association of Optometrists Ireland. A pass in these practical and oral examinations, or an equivalent examination, is necessary to be able to register for practice with the Opticians Board. If elected to membership of the Association, graduates will be awarded the Fellowship of the Association of Optometrists, Ireland (FAO). Most newly qualified optometrists are employed in larger practices, in individual private practices or in private practice. Many graduates later establish their own practices. Optometrists may choose to specialise in fields such as contact lenses, environmental vision or the care of partially sighted patients. Opportunities exist for academic and industrial research. Employment as an optometrist within the eye hospitals is limited to practice abroad, at this time. Optometrists perform a wide range of visual function examinations; they can prescribe and fit spectacles and contact lenses, recommend eye exercises, and advise on magnifiers and other solutions to the problems encountered by the visually impaired. Optometrists can provide real benefits to their patients by prescribing spectacles or other optical aids, and by detecting sight-threatening diseases. Graduates registered with the Opticians Board are also entitled to register with the General Optical Council and be able to practice in the UK.

Further Information
Mr Peter Hendicott, Department of Optometry, School of Physics

Entrance Requirements

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<th>Minimum Grade in Mathematics</th>
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</table>

Main Locations
Mountjoy Square
Rathmines Road

Programme Description
If you are interested in why things happen in the physical world, or how things work, then Physics may be for you. It underpins most modern technologies and holds a key to improving all our futures. Physicists design experiments to test or apply new ideas in order to better understand the physical world or to improve the quality of life. For instance, it is the work of physicians, which has led to the development of our modern electronics, information, computing, and medical and energy technologies.

Career Opportunities
The work of physics graduates includes environmental monitoring, medical physics, lasers and opto-electronics, equipment design, telecommunications, aerospace, research, project management, finance, education, and technology forecasting.

Progression
Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in higher education.

Further Information
Dr. Siobhan Daly
School of Physics
+ 01 402 4927
siobhan.daly@dit.ie

Useful Leaving Certificate Subjects
- Mathematics
- Physics
- Chemistry
- Biology

Entry Requirements

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Graduate Profile
Name: Jarlath Molloy
Graduated: 2004
Current Status: President of DIT Students’ Union

"I found the staff in my Faculty very friendly and approachable. They take a genuine interest in people and are only too happy to help with a course query or point you in the right direction for other advice. The classes are small and everyone knows everyone by first name. I'd recommend to join a couple of clubs & societies during your time in college – it's a great way to meet other people, keep in touch and start new interests – and it's really cheap! DIT is a great college to go to. There is a nice atmosphere, people are friendly and of course "the city is our campus"."
Programme Description
This programme is designed to meet the requirements of students seeking an education with a view to working as software developers. It provides a theoretical and practical knowledge of computers, computer programming and the software engineering methods in use in commercial and technological industries.

Career Opportunities
The programme is designed to educate students to work as software developers in commercial and technological areas. The programme content is sufficiently wide to encourage advancement to more senior positions in the computer industry within a few years. There is an emphasis on the practical application of computing.

Further Information
Mr Ken O'Brien
School of Computing
01 402 4951
ken.obrien@dit.ie

Programme Description
Do you like the idea of making a career in science and want to know more before you choose a particular area? This programme offers you an opportunity to spend a year experiencing a broad range of science topics before making your choice to specialise for two years in one of the following areas, Chemical Sciences, Biological Sciences or Physics.

Further Information
Chemical Sciences Option, contact:
Dr. John Doran
School of Chemistry
01 402 4781
john.doran@dit.ie

Physics Option, contact:
Dr. Mary McNamara
School of Physics
01 402 4953
mary.mcnamara@dit.ie

Useful Leaving Certificate Subjects
- Mathematics
- Languages
- Sciences
- Engineering
- Business
- Construction
- Art

Entry Requirements 2005
Minimum Number of Honours = 6
Minimum Grade in Maths = O83
Minimum Grade in English or Irish = O83

Main Locations
Mountjoy Square
Rathmines Road
Temple Bar
Kevin Street
Chatham Row

CAREER PROFILE
Name: Roy Tobin
Graduated: 2003

Roy was awarded his Diploma in Applied Science (now Physical & Life Sciences) in Physics in 2003 achieving a merit. He is currently working for DELL, computers in Bray Co Wicklow. His experience with novel teaching methods in the programme has helped him overcome the various problems that can occur when working for a large multinational company like DELL. With his qualification he may move to various departments within DELL, an option that is unavailable to certain other graduates. Roy also has the option of returning to DIT to complete an Honours Degree in Physics Technology (DT222).
Faculty of Tourism & Food

HONOURS DEGREE PROGRAMMES (LEVEL 8)

- 107 D7407 Culinary Arts
- 108 D7661 Environmental Health
- 109 D1303 Event Management
- 110 D7480 Food Technology/Pharmaceutical Technology
- 111 D7401 Hospitality Management
- 112 D1412 Tourism Marketing

ORDINARY DEGREE PROGRAMMES (LEVEL 7)

- 113 D7481 Food Processing/Pharmaceutical Manufacture
- 114 D7408 Hotel and Restaurant Management
- 115 D1411 Leisure Management
- 116 D1405 Tourism

HIGHER CERTIFICATE PROGRAMMES (LEVEL 6)

- 117 D7800 Baking and Pastry Arts Technology and Management
- 118 D1444 Culinary Arts (Catering for Health)
- 119 D1441 International Culinary Arts Management
PROGRESSION

Having completed the programmes indicated below or their equivalent with the requisite grade of award (Merit, Credit or Distinction), or having suitable industrial experience of at least one year in lieu, it may be possible to gain admission to a higher level programme as indicated, with full or partial exemptions.

PROGRAMME COMPLETED

<table>
<thead>
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<th>DT401</th>
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<th>DT403</th>
<th>DT404</th>
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<td>Hotel &amp; Catering Management Diploma</td>
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POSSIBLE HIGHER PROGRAMMES

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<td>Travel &amp; Tourism Certificate</td>
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ADDITIONAL COSTS

Students attending the following programmes will incur costs for items marked X. Details of suppliers and requirements are available from the Faculty of Tourism and Food.

<table>
<thead>
<tr>
<th>Programme</th>
<th>Uniforms</th>
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</table>

Approximate costs: Uniforms €100, Knives €127, Shoes €30, Lab Costs €20, Safety Glasses €10. Visually impaired students in DT480, DT481 and DT491 must have prescription safety glasses (€100).

HEALTH AND SAFETY

This is a unique programme which combines theoretical knowledge-base with high level aesthetic abilities and the development of communication, critical thinking, problem solving and personal skills in the participants in the context of a partnership between education, industry and individual students. Among the features of the programme is the availability of electives in years 3 and 4 reflecting the diversity of career opportunities available to graduates of the programme. In addition to college studies students are required to complete an industry-supervised professional internship at the end of years 2 and 3.

Further Information

School of Culinary Arts and Food Technology
www.dit.ie

CULINARY ARTS

BACHELOR OF ARTS (CULINARY ARTS) HONOURS DEGREE - LEVEL 8

Programme Description

This is a unique programme which reflects a fundamental development in Culinary Arts Education world-wide. It combines an in-depth theoretical knowledge-base with high level aesthetic abilities and the development of communication, critical thinking, problem solving and personal skills in the participants in the context of a partnership between education, industry and individual students. Among the features of the programme is the availability of electives in years 3 and 4 reflecting the diversity of career opportunities available to graduates of the programme. In addition to college courses students are required to complete an industry-supervised professional internship at the end of years 2 and 3.

Career Opportunities

This programme recognises the complexity and diversity of the Culinary Arts in the Hospitality and Food Service Industries and the variety of career paths open to graduates. Career opportunities include: Culinary Arts/Restaurant Management, Food Promotion, Food Writing and Styling, Food Product Development and Research.

Progression

Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in Higher Education.

Further Information

School of Culinary Arts and Food Technology
www.dit.ie
Programme Description
This programme examines the wide and varied issues such as food safety, environmental pollution, occupational safety and health risk management.

Career Opportunities
Graduates are eligible for appointment as Environmental Health Officers by Health Boards and may seek employment in other State authorities dealing with Food Safety, Health Promotion and Environmental Protection. Graduates may also work in private industry in areas such as Food Control, Environmental Management and Quality Assurance. There are also varied research opportunities available to graduates of this programme.

USEFUL LEAVING CERTIFICATE SUBJECTS*

Mathematics
Languages
Sciences
Engineering
Business
Construction
Art

* In some cases subjects in areas indicated will be mandatory. See Entry Requirements Chart.

Further Information
School of Food Science and Environmental Health

108 BIT Prospectus 2005

109 BIT Prospectus 2005


**Programme Description**

This programme allows divergence into either of two options i.e. Food Technology or Pharmaceutical Technology. Choice of option is determined by examination results at the end of year 2. Years 1 and 2 are common to both the Food Technology and the Pharmaceutical Technology options of the programme. Divergence occurs in year 3 and specialisation is the main feature of year 4. A period of industrial placement occurs from May to October on completion of year 3.

**Career Opportunities**

This programme is designed to provide a programme of education which will allow entry into a career in the food industry in areas such as production, processing, quality assurance, food analysis and product development (Food Technology Option) or entry into the pharmaceutical industry in areas such as instrumental analysis, quality control, quality assurance and good manufacturing practice (Pharmaceutical Technology Option).

**Programme Description**

This programme addresses the diverse and multi-faceted nature of the hospitality industry. Students take a wide variety of subjects from hospitality management operations to languages, accounting, hospitality law, statistics, computer systems and marketing. On completion graduates have attained a rounded education and are equipped to pursue careers in catering management, hotel management, restaurant management, the broad tourism field as well as the retail and services sectors. The educational approach includes internships and a significant level of continuous assessment over the four years and students develop interpersonal skills as well as management ability.

**Career Opportunities**

From supervising departments in the world’s finest hotels, restaurants and exotic resorts to overseeing business conventions and special events - diversity, excitement and career opportunities abound in today’s hospitality industry. Graduates of the BSc in Hospitality Management will have enhanced career opportunities within the hospitality and the broader services sector. Career paths include management positions in transport, travel agencies, tourism providers/suppliers, self-employment, project management, technology management, community development, public sector support, financial institutions and bar, club, and conference management. In addition, there are opportunities for graduates in consultancy, research, and postgraduate education.

**Entry Requirements**

**Food Technology**

<table>
<thead>
<tr>
<th>Minimum Number of Honours</th>
<th>Minimum Grade in English or Irish</th>
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**Pharmaceutical Technology**

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<td>6</td>
<td>2</td>
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</table>

* At least Ordinary Level C3 in French or German or Spanish in Irish.

**Main Locations**

- Rathmines Road
- Temple Bar
- Chatham Row
- Bolton Street
- Cathal Brugha Street
- Aungier Street
- Mountjoy Square
- Kevin Street

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**Graduate Profile**

**Name:** Fiona Teehan

**Graduated:** 1993

**Current Status:** Operations Manager for Luttrellstown Castle

"I found my time at DIT to be one of the best, most invaluable experiences of my life. Not only did it cater superbly for one's academic and intellectual needs, it also nourishes one's interpersonal skills which has stood me in good stead right throughout my career. The compact campus and friendly, genial atmosphere provides an excellent base for making great friends for life."
TOURISM MARKETING

BACHELOR OF SCIENCE (TOURISM MARKETING) HONOURS DEGREE - LEVEL 8

Programme Description
This four-year honours degree offers an academic foundation in the cognate supportive of a broad business and strong focus on marketing is with the firm basis for a business career in the tourism industry. It thus provides graduates with the firm basis for a business career in the marketing and management of tourism enterprises such as visitor attractions, tour operators, travel agencies and hotels and conference centres and management bureaux.

Career Opportunities
The programme is designed to enable students to gain employment in challenging graduate level positions in tourism sales and marketing roles. The tourism sector is expanding rapidly with some 40% of all new jobs in the next five years expected to be created in this sector. Graduates with marketing competence can expect to find employment in the marketing function of a variety of tourism enterprises including tourism co-operatives, national and regional tourism organisations, hotels, visitor centres (domestic and international) self-employment, project management, technology management, community development, public sector support and financial institutions. In addition, there are opportunities for graduates in consultancy, research, and postgraduate education.

Further Information
School of Hospitality Management and Tourism
01 402 4352
tourism.hospitality@dit.ie
www.dit.ie

ENTRY POINTS 2003 PLACES (APPROX)
340 45

USEFUL LEAVING CERTIFICATE SUBJECTS*
Mathematics ✗
Languages ✗
Sciences
Engineering
Business
Construction
Art

* In some cases subjects in areas indicated will be mandatory. See Entry Requirements Chart.

ENTRY REQUIREMENTS 2005

<table>
<thead>
<tr>
<th>Minimum Number of Honours Subjects</th>
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</table>

Main Locations
Mountjoy Square  ❑  Bolton Street  ❑  Cathal Brugha Street  ❑  Aungier Street  ❑
Rathmines Road  ❑  Temple Bar  ❑  Kevin Street  ❑  Chatham Row  ❑

IN THE NEWS

Student Name: William Dunne
Current Status: 2nd year student

"I think marketing is extremely important for tourism. We've become an expensive place for visitors, and it's easier and cheaper to travel further these days. So it is very important we use marketing to show what we still have to offer and to diversify.

There is a lot of theory in the course but it is very relevant. We're lucky in that we've got really good lecturers who have super knowledge of the business."

Quoted in Hospitality Ireland (January/February 2004)

FOOD PROCESSING /PHARMACEUTICAL MANUFACTURE

BACHELOR OF SCIENCE (FOOD PROCESSING) HONOURS DEGREE - LEVEL 8

Programme Description
This programme consists of two options namely Food Processing and Pharmaceutical Production. Choice of option is determined by examination results at the end of year 1. Year 1 is common to both areas with divergence into the options at the beginning of year 2. A period of industrial placement occurs during year 3.

Career Opportunities
Food Processing graduates are eligible for employment in food processing, quality control, food analysis and product development particularly at technician level. Pharmaceutical Manufacture graduates are eligible for employment in meeting the technical needs of the pharmaceutical/healthcare industry.

Further Information
School of Food Science & Environmental Health
01 402 4355
fs@dit.ie
www.dit.ie

ENTRY POINTS 2003 PLACES (APPROX)
32

USEFUL LEAVING CERTIFICATE SUBJECTS*
Mathematics ✗
Languages
Sciences ✓
Engineering
Business
Construction
Art

* In some cases subjects in areas indicated will be mandatory. See Entry Requirements Chart.

ENTRY REQUIREMENTS 2005

<table>
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Main Locations
Mountjoy Square  ❑  Bolton Street  ❑  Cathal Brugha Street  ❑  Aungier Street  ❑
Rathmines Road  ❑  Temple Bar  ❑  Kevin Street  ❑  Chatham Row  ❑

STAFF VIEW

Name: Aoife Gowen
Current Status: Programme Tutor / PhD Student (Food Science)

"The ordinary degree in food processing and pharmaceutical production is planned to give the student a broad yet practical learning experience for a variety of careers within two of the world's largest and most lucrative industries. The third-year placement provides invaluable experience of the day-to-day workings within the industry of your choice, and many students return to work with their placement company after graduating. In addition, the modern lab facilities at DIT Marlborough Street are next to none. I would definitely recommend this degree to the student who wants an interesting and challenging programme with plenty of employment opportunities."
This programme offers a challenging opportunity for those individuals who wish to pursue a career in management in the hotel and catering industry. This dynamic programme provides a future-orientated and industry-focused curriculum. This programme offers the student a major in the final year enabling him/her to specialise in one of the following areas: Food and Beverage Management, Front Office and Accommodation Management or Conference and Leisure Management.

Career Opportunities
Careers opportunities are almost limitless in hotels, catering and tourism enterprises worldwide. Graduates are trained professionals with sound operational work experience and a comprehensive understanding of the hotel and catering industry. As such, they are in demand by a large cross-section of the industry from general management within the tourism industry, to more specialised areas. Career opportunities in this sector include marketing and sales, personnel, food and beverage management, rooms division management and conference management in Ireland and abroad. In addition, graduates may progress to a variety of postgraduate programmes in a range of disciplines.

Programme Description
The leisure industry is dynamic and fast-moving, and the nature of career opportunities in the industry is changing and growing rapidly. This programme focuses on the broad leisure industry and includes supervised industrial placements, practical modules and integrated continuous assessment. Practical modules include assessment in First Aid, Lifesaving and Fitness Instruction, while there is also a strong emphasis on business subjects including financial management, marketing, property management, human resource management and business law. Successful graduates will be prepared for entry into the industry at management level in areas such as leisure centres, theme parks, aquatic centres, golf clubs, tennis clubs, hotel leisure centres and other recreation-related developments.

Further Information
School of Hospitality Management and Tourism
10 402 4352
tourism.hospitality@dit.ie
www.dit.ie

ENTRY REQUIREMENTS 2005
Minimum Number of Subjects
Mathematics Languages Sciences Engineering Business Construction

Minimum Grade in Honours English or Irish
OD2 OD2 OD3

Other Requirements
* At least Ordinary level C3 in French or German or Spanish

Main Locations
Mountjoy Square
Rathmines Road
Temple Bar
Kevin Street
Chatham Row

LEISURE MANAGEMENT
BACHELOR OF ARTS (LEISURE MANAGEMENT) ORDINARY DEGREE - LEVEL 7
DT411
THREE YEARS

ENTRY POINTS 2003
355
PLACES (APPROX)
35

USEFUL LEAVING CERTIFICATE SUBJECTS
Mathematics Languages Sciences Engineering Business Construction Art

ENTRY REQUIREMENTS 2005
Minimum Number of Subjects
Mathematics Languages Sciences Engineering Business Construction Art

Minimum Grade in Honours English or Irish
OD3 OD3 OD3

Other Requirements
* At least Ordinary level O3 in French, German or Spanish

Main Locations
Mountjoy Square
Rathmines Road
Temple Bar
Kevin Street
Chatham Row

INDUSTRY VIEW
Name: Ken Robinson

Current Status: General Manager, SportSCO, President, ILM (Ireland) and Chairperson of the FAI Club Licensing Group

"The experience of accommodating students from DIT's Leisure Management Degree on their industry internship has been an extremely worthwhile one for both ESB SportSCO and the students themselves. Over the years students have undertaken research reports based mainly on an operational aspect of our corporate facility here in Dublin. ESB SportSCO has benefited from the information collected by the student and indeed their recommendations have been used to improve operational efficiencies. Many of the DIT leisure management degree students whom we have worked with over the years have gone on to successful careers in the broad leisure industry. The strong links that the leisure management degree maintains with industry is of no small way responsible for these achievements."
## Programme Description

This programme is an ideal starting point for those wishing to pursue a career in the vibrant travel and tourism industry. The academic focus is on applied management subjects such as finance, information technology, human resource management, sales and marketing and communications. These are complemented by the more specific subjects such as tourism, transport studies, heritage studies and tourism business studies. Students will study one European language. Job opportunities for graduates will include employment in tourism offices, travel agencies, national and regional tourism organisations, transport organisations, airlines and tour operators.

### Career Opportunities

Career opportunities exist in most tourism enterprises worldwide. Graduates are trained professionals with sound operational work experience and a comprehensive understanding of the tourism industry. As such, they are in demand by a large cross-section of the industry from general management within the tourism industry to more specialised areas. Students will have the necessary expertise to operate as professionals in the industry in areas including airlines, transport companies, travel agencies, tour operators, state and semi-state agencies, private consultancy companies and government departments.

### Progression

Students who have reached the appropriate level in final examinations and meet certain subject prerequisites may have the opportunity to access honours degree programmes at the year 2 level in DIT and elsewhere in higher education. Students who successfully complete year two of this programme and who do not wish to progress to the third year will receive a Higher Certificate award.

### Further Information

School of Hospitality Management and Tourism

**Name:** James Griffin

**Current Status:** Managing Director of NST Travel, Ireland's largest supplier of travel services to the education market.

While pursuing my career in the commercial world of travel, and spending the past several years as a managing director of NST Travel, I have taken the opportunity to teach a course on Tour Operations to DIT Tourism students. I have thoroughly enjoyed my interaction with these very enthusiastic students and other faculty members. I am confident that the BA (Ord) in Tourism will provide students with a sound basis for an operations focused career in travel and tourism, both at home and abroad.

### Entry Requirements 2005

<table>
<thead>
<tr>
<th>Minimum Number of Subjects</th>
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* As at Ordinary Level O3 in French or German or Spanish or Irish.

**Main Locations**
- Mountjoy Square
- Rathmines Road

**STAFF VIEW**

**Name:** Paul Hackett

**Current Status:** President of the Richemont Club

While pursuing my career in the commercial world of travel, and spending the past several years as a managing director of NST Travel, I have taken the opportunity to teach a course on Tour Operations to DIT Tourism students. I have thoroughly enjoyed my interaction with these very enthusiastic students and other faculty members. I am confident that the BA (Ord) in Tourism will provide students with a sound basis for an operations focused career in travel and tourism, both at home and abroad.
This programme is designed to develop a set of values that encourages excellence in team leadership capabilities for careers in the changing world of healthier eating in both commercial and non-commercial catering. The range of topics equips participants with a comprehensive knowledge of the concepts of foodservice businesses in general.

Participants are provided with the knowledge and skills necessary to develop themselves for careers in various aspects of the foodservice business. In addition to their institute studies, participants will be required to gain practical experience in a relevant foodservice business, either commercial or non-commercial.

Career Opportunities
Graduates may expect to make careers as professionals in restaurants, hotels, industrial catering, outdoor catering and as diet chefs/technicians in hospitals, health centres, spas, diet and reducing clinics and sports catering.

Programme Description

**Progression**
Students who have reached the appropriate level in final examinations and meet certain subject prerequisites may have the opportunity to access honours or ordinary degree programmes at the year 2 level in DIT and elsewhere in higher education.

Further Information
School of Culinary Arts and Food Technology
t +353 (1) 402 4344
e culinaryarts@dit.ie
w www.dit.ie

**ENTRY REQUIREMENTS 2005**

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</table>

Main Locations
Mountjoy Square
Rathmines Road

Culinary Arts and Food Technology
DIT, Cathal Brugha Street, Dublin 1.
t +353 (1) 402 4344
e culinaryarts@dit.ie
w www.dit.ie

**USEFUL LEAVING CERTIFICATE SUBJECTS**

- Mathematics
- Languages
- Sciences
- Engineering
- Business
- Construction
- Art

* In some cases subjects in these indicated will be mandatory. See Entry Requirements Chart.

**USEFUL LEAVING CERTIFICATE SUBJECTS**

- Mathematics
- Languages
- Sciences
- Engineering
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- Construction
- Art

* In some cases subjects in these indicated will be mandatory. See Entry Requirements Chart.

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Culinary Arts and Food Technology
DIT, Cathal Brugha Street, Dublin 1.
t +353 (1) 402 4344
e culinaryarts@dit.ie
w www.dit.ie

**STAFF VIEW**

Name: Dr. Joseph Hegarty,

Current Status: Head of the School of Culinary Arts and Food Technology

"This new programme is a merging of two very successful individual programmes. It recognises the strategic importance of Integration as an influential concept in future educational and training programmes. Also, it recognises Integration as fundamental in the wider context of European Union, as well as Integration in the occupational opportunities available to graduates of this programme. The inclusion of "international" in the title reflects the global reach and perspective of the programme. This is an exciting development and we look forward to welcoming many students to the programme."