2005-9

DIT Undergraduate Full-Time Prospectus : 2005

Dublin Institute of Technology

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## DIT Academic Calendar - Session 2004/2005
### (DRAFT)
### Non - Semesterised Programmes

**2004**

**Term 1**

<table>
<thead>
<tr>
<th>Month</th>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>September</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wednesday 1st</td>
<td></td>
<td>Commencement of Session</td>
</tr>
<tr>
<td>Monday 6th</td>
<td></td>
<td>Interviews and enrolments for part-time and evening courses commence</td>
</tr>
<tr>
<td>Monday 13th</td>
<td></td>
<td>1st Year courses commence with the induction programme. Commencement of part-time courses in Music &amp; Drama</td>
</tr>
<tr>
<td>Monday 20th</td>
<td></td>
<td>Second and subsequent years of all whole-time courses commence. Part-time day and evening courses commence</td>
</tr>
<tr>
<td><strong>December</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Friday 17th</td>
<td></td>
<td>Final class meetings of first term for full time students</td>
</tr>
<tr>
<td>Saturday 18th</td>
<td></td>
<td>Final class meetings for part-time students in Music &amp; Drama</td>
</tr>
</tbody>
</table>

**2005**

**Term 2**

<table>
<thead>
<tr>
<th>Month</th>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>January</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monday 10th</td>
<td></td>
<td>Classes resume</td>
</tr>
<tr>
<td><strong>March</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Friday 18th</td>
<td></td>
<td>Final class meetings of second term</td>
</tr>
</tbody>
</table>

**2005**

**Term 3**

<table>
<thead>
<tr>
<th>Month</th>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>April</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monday 4th</td>
<td></td>
<td>Classes resume</td>
</tr>
<tr>
<td><strong>May</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Friday 6th</td>
<td></td>
<td>Final class meetings of third term</td>
</tr>
<tr>
<td>Monday 9th</td>
<td></td>
<td>Examinations commence</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**

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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:

<table>
<thead>
<tr>
<th>Honours Degrees</th>
<th>Level 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ordinary Degrees</td>
<td>Level 7</td>
</tr>
<tr>
<td>Higher Certificates</td>
<td>Level 6</td>
</tr>
<tr>
<td>Foundation Certificates</td>
<td>Level 6</td>
</tr>
</tbody>
</table>

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 cafeteria. 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 1941. 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. Among 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 Aungier Street.

Mountjoy Square is within an easy walk of O'Connell Street and the other northside campus sites of Cathal Brugha Street and Bolton Street.

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

STUDENT LIFE AT DIT
City campus locations
DIT campus locations are situated in the centre of Dublin city, making them very accessible by bus, train or tram, no matter where you live in Dublin. Most of your lectures will take place in one location, but as a student of DIT you are welcome to use any of the Institute's facilities on all sites. The main locations are as follows:

DIT Kevin Street
A few minutes walk from Stephen's Green, DIT Kevin Street is built on the site of the original technical school established in 1887 which is part of DIT's proud history. A number of areas of study for which DIT is quite famous are based here. They include all of the Faculty of Science, the School of Control Systems and Electrical Engineering; the School of Electronic and Communications Engineering; the School of Languages and the award-winning National Bakery School. The campus also houses some of DIT's recreational facilities, including the swimming pool which is available to all DIT students. The pool is used by the sub-aqua club and the canoe club, among others, and is open from 8 am in term time. There is also a sports hall where basketball and badminton are played, and which contains a climbing wall.

DIT Aungier Street
Also a few minutes walk from Stephen's Green, and close to Kevin Street, the Aungier Street campus is one of the largest in

Dublin City Centre is our Campus

Student Life at DIT
DIT campus locations

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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 is available in many formats, including, books, videos, slides, tape, 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 advisor 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 Students' 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 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 many other support 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 (Lifelong Educational Access Programme) it aims to facilitate greater participation in tertiary education at all levels. It assists students with any academic, economic and personal issues that may arise. 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/leap/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 Linnghall (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.

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 organises a number of commercial services, including on-campus shops, photocopying, the issue of International Student Identity Cards and Usit 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.

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 other 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 Linnghall, and the playing fields in Grangegorman, where the new DIT campus will be built.

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>3</td>
<td>Exceptional</td>
</tr>
<tr>
<td>2</td>
<td>Very suitable</td>
</tr>
<tr>
<td>1</td>
<td>Suitable</td>
</tr>
<tr>
<td>0</td>
<td>Unsuitable</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 might 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 lapsing 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/auditions.
POINTS SYSTEM FOR ALL PROGRAMMES

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

| Grade | A Level | GCSE  
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</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>15</td>
</tr>
</tbody>
</table>

ASSESSMENTS

This table shows the minimum 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 Review</th>
<th>Audition/Interview</th>
</tr>
</thead>
<tbody>
<tr>
<td>DT103</td>
<td>100</td>
<td>100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DT104</td>
<td>100</td>
<td>100</td>
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</tr>
<tr>
<td>DT105</td>
<td>100</td>
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</tr>
<tr>
<td>DT106</td>
<td>100</td>
<td>100</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

GC(S)/A LEVEL EXAMINATION

ENTRY REQUIREMENTS

Honours Degree | Ordinary Degree | Higher Certificate
2 A Levels or | 2 A Levels plus 2 GCSE | 1 A Level plus 4 GCSE or 6 GCSE
2 A Levels plus 2 GCSE or 1 A Level plus 4 GCSE or 6 GCSE

1. Results from any number of examination sittings may be combined to meet minimum entry requirements.
2. The same subject may be included only once in any combination of results (see panel above).
3. All results must be at Grade D or higher.
4. Applicants who meet the minimum entry requirements will be allocated points based on the most favourable combinations of results (see panel above).
5. Points for A Level subjects will be calculated on the basis of results achieved in one academic year.
6. In addition, applicants must meet minimum entry requirements and full details of the various programme requirements are available from the Admissions Office.

INTERNATIONAL BACCALAUREATE

<table>
<thead>
<tr>
<th>Program</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>International Baccalaureate Higher Level Grades</td>
<td></td>
</tr>
<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.

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:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distinction</td>
<td>3 points</td>
</tr>
<tr>
<td>Merit</td>
<td>2 points</td>
</tr>
<tr>
<td>Pass</td>
<td>1 point</td>
</tr>
</tbody>
</table>

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.

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:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distinction</td>
<td>70 points</td>
</tr>
<tr>
<td>Merit</td>
<td>50 points</td>
</tr>
<tr>
<td>Pass</td>
<td>30 points</td>
</tr>
</tbody>
</table>

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.

RE-ADMISSION

Applicants who have unsuccessfully attended a DIT programme may 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:

<table>
<thead>
<tr>
<th>Degree</th>
<th>Certificate</th>
</tr>
</thead>
<tbody>
<tr>
<td>DT501</td>
<td>DT751</td>
</tr>
<tr>
<td>DT526</td>
<td>DT527</td>
</tr>
</tbody>
</table>

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 you gain 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 Prospectus 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.

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

If the request is not granted, the applicant will be notified in writing and may then accept the original offer for the current year. Applicants who are granted deferral will be required to:

- Submit an application to CAO for the deferred programme by 1st February in the following year.
- Include on this application the deferred programme as the first and only preference.
- Advise the Admissions Office in writing of their new CAO application number by 30 April.

Applicants who do not follow the above instructions will have the deferred place canceled.

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 01 343 445.

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.

**APPENDIXES 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 students 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 to submission of Advanced Entry Applications is 31 March each year. (1st February in the case of DT101, DT105, DT552, DT544, DT546, DT540, DT526, DT527)

**APPENDIXES 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
- ITAnet 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 DT550 Photography
30 DT530 Printing Management
31 DT501 Product Design
32 DT571 Social Care

ORDINARY DEGREE PROGRAMMES (LEVEL 7)

33 DT546 Drama (Performance)
34 DT572 Early Childhood Care & Education
35 DT578 Social Care Practice

CERTIFICATE/OTHER PROGRAMMES (LEVEL 6)

36 DT515 Design Display
37 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 subjects like Painting, Sculpture, Printmaking, Graphic Design, 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.

Further Information
Secretary
School of Art, Design and Printing
01 402 4181
artdesignprinting@dit.ie
www.dit.ie

USEFUL LEAVING CERTIFICATE SUBJECTS*
- Mathematics
- Languages
- Sciences
- Technology
- 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</th>
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</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>2</td>
<td>*</td>
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</tbody>
</table>

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

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

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 historicity. 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.

Further Information
Secretary
School of Art, Design and Printing
01 402 4181
artdesignprinting@dit.ie
www.dit.ie

USEFUL LEAVING CERTIFICATE SUBJECTS*
- Mathematics
- Languages
- Sciences
- Technology
- 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>

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

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

(photo by Gillian Buckley)
**Programme Description**

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 between several disciplines and/or work with non-traditional fine art media and practices. Other subjects include drawing, digital imaging and photography, history and theory of art, philosophy, psychology and professional practice. A written thesis is submitted in year four as part of the final assessment.

**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 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.

The following second language options are currently offered. Students may study their native language as a second language. Students must complete the programme with English as their first language.

**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.

**Further Information**

Secretary
School of Languages
Tel: 01 402 4673 / 2843
f 01 402 4987
Email: languages@dit.ie
Website: www.dit.ie

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

See www.iol.ie/–acels.tie

Application should be made directly to the Institute on or before 31st May 2005. Suitable 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.

Tel: +353 1 478 0822
Programme Description

This is a joint 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 languages and business 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. Graduates gain access to the jobs market at middle-management level from which they may progress to more senior positions. They may also opt for further studies or research.

Progression

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

Further Information

Secretary
School of Languages
01 402 4673/2843
01 402 4987
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 together with a knowledge of the culture and literature of the language studied. In year three, students spend a semester abroad. Students publish and broadcast their work throughout the year in the School of Media publications. They are also encouraged to work on student publications and through professional channels.

Career Opportunities

Journalists work in newspapers, magazines, radio, television or web-based media. They also specialise in 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 pressurised 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 DT and elsewhere in Higher Education.

Further Information

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

ENTRY REQUIREMENTS 2005

<table>
<thead>
<tr>
<th>Minimum Number of Tel/Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
</tr>
<tr>
<td>003</td>
</tr>
<tr>
<td>003</td>
</tr>
</tbody>
</table>

Main Locations

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

GRADUATE PROFILE

Name: Carl O’Brien
Graduated: 2001
Current Status: Journalist with The Irish Times
Profile: After completing a degree in Journalism at DT 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, or in production and programme-making. The programme is evenly divided between media studies/analysis and intensive 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 3098
f: 01 402 3003
e: media@dit.ie
w: www.dit.ie

MUSIC

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 Kilkeary
Conservatory of Music & Drama
t: 01 402 7822
f: 01 402 7814
e: conservatory@dit.ie
w: www.dit.ie

ENTRY POINTS 2005

<table>
<thead>
<tr>
<th>Minimum Number of Honours</th>
<th>Minimum Grade in Math</th>
<th>Other Requirements</th>
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<tbody>
<tr>
<td>465</td>
<td>35</td>
<td></td>
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</tbody>
</table>

USEFUL LEAVING CERTIFICATE SUBJECTS

* Mathematics
* Languages
* Sciences
* Technology
* Business
* Construction
* Art

* At least Higher level C3 in Irish or French or German or Spanish

Main Locations
Mountjoy Square
Bolton Street
Cathal Brugha 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 Boheme'.

ENTRY REQUIREMENTS 2005

<table>
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<tbody>
<tr>
<td>405</td>
<td>44</td>
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</tbody>
</table>

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

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 Boheme'.

ENTRY REQUIREMENTS 2005

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</thead>
<tbody>
<tr>
<td>35</td>
<td>4</td>
<td></td>
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</tbody>
</table>
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, 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.

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 3512
e conservatory@dit.ie
w www.dit.ie

Programme Chair, Ms Mary Scarlett

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.

ENTRY REQUIREMENTS 2005

Minimum Number of Honours -
Minimum Grade in
e Math English or Irish
Other Requirements

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

Main Locations
Mountjoy Square Bolston Street
Cathal Brugha Street Aungier Street
Kevin Street Chatham Row
Temple Bar
Trinity College

ENTRY REQUIREMENTS 2005

Minimum Number of Honours -
Minimum Grade in
e Math English or Irish
Other Requirements

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

Main Locations
Mountjoy Square Bolston Street
Cathal Brugha Street Aungier Street
Kevin Street Chatham Row
Temple Bar

Photography

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.

Further Information
Mr Geoff White, Programme Chair,
Photography and Digital Imaging Studio,
School of Media,
Dublin Institute of Technology,
31 East Essex Street, Dublin 2
t 01 679 9244
e 01 679 9311
w www.dit.ie/aa/index.html
f School of Media,
DIT Aungier Street
t 01 402 3096
e mediad@dit.ie
w www.dit.ie

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

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

ENTRY POINTS 2005

PLACES APPROX

650*
25

* INCLUDES SCORE FOR PORTFOLIO REVIEW
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 most subject areas and is written work that presents a dissertation.

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.

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
Tel: 01 402 4138 / 4181
Fax: 01 402 4297
Email: artdesignprinting@dit.ie
Website: www.dit.ie

USEFUL LEAVING CERTIFICATE SUBJECTS*

Mathematics
Languages
Sciences
Technology
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
6
Minimum Grade in English or Irish
2
Other Requirements

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

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."
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) Supervision 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.

Programme Description

The Ordinary Bachelor of Arts in Drama (Performance) is a three-year, full-time Ordinary Degree programme focusing on actor training and the study of drama in performance and facilitation contexts. This programme is unique in Ireland in that it is the only acting-based degree accessible through the Central Applications Office. While actor training is at the core of the programme, rigorous academic demands, including scholarship research and written analyses, underpin the performance work. Furthermore, in all three years, students study drama in educational and facilitation contexts. The programme aims to ensure a dynamic educational environment and provides students with strong prospects both for further study at postgraduate level and for employment in the area of drama.

Who should apply for this programme?

Any person who intends to commit themselves to the demands of performance, inquisitiveness about drama and performance, and an ability to work with others.

What kind of students graduate from this programme?

The programme aims to graduate 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 audition, for which a two-to-three minute monologue must be prepared. Curtate fátháin i nGaeilge í náisiúntas i tráthán triomh.

Career Opportunities

Graduates will find employment as actors in theatre, radio, TV and film and as teachers/facilitators of outreach and educational projects.

Further Information

Mr Peter McDermott
Programme Coordinator
01 402 3515
peter.mcdermott@dit.ie

Main Locations

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

GRADUATE PROFILE

Name: Alan Mac Stofan
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.

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.

ENTRY REQUIREMENTS 2005

<table>
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<tr>
<th>Minimum Number of Subjects</th>
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Main Locations
Mountjoy Square [✔] Bolton Street [ ] Cathal Brugha Street [ ] Aungier Street [ ]
Rathmines Road [ ] Temple Bar [ ] Kevin Street [ ] Chatham Row [ ]

ENTRY POINTS 2003 | PLACES (APPROX)
365 | 40

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

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

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* 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. See Entry Requirements Chart.

**ENTRY REQUIREMENTS 2005**

<table>
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<th>Subjects</th>
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* Applicants must submit a portfolio on 10th or 11th of March 2005

**Main Locations**

- Mountjoy Square
- Rathmines Road

**ENTRY POINTS**

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**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.

**ENTRY REQUIREMENTS 2005**

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<th>Subjects</th>
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* Applicants must attend an audition/interview in March/April

**Main Locations**

- Mountjoy Square
- Rathmines Road

**Notes on Style** by Yvonne Keogh

Graduated in Design Display 2004

(Photo by Gillian Buckley)
Faculty of The Built Environment

HONOURS DEGREE PROGRAMMES (LEVEL 8)
38 DIT01 Architecture
39 DIT111 Construction Economics & Management
40 DIT112 Geomatics
41 DIT106 Planning & Environmental Management
42 DIT110 Property Economics

ORDINARY DEGREE PROGRAMMES (LEVEL 7)
43 DIT105 Architectural Technology
44 DIT104 Quantity Surveying, Valuation & Estate Agency
45 DIT103 Construction Technology
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 in 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 degree 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.

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. James Horan
School of Architecture
t 01 402 3692
e james.horan@dit.ie

Mr. Edmund O’Shea
School of Architecture
01 402 3695
e eddie.oshea@dit.ie
w www.dit.ie

ENTRY REQUIREMENTS 2005

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

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

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.

ARCHITECTURE
BACHELOR OF ARCHITECTURE HONOURS DEGREE - LEVEL 8
FIVE YEARS

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

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 this 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
The qualification 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.

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. Bernard Skelton
School of Real Estate & Construction Economics
01 402 3677
e bernard.skelton@dit.ie

ENTRY REQUIREMENTS 2005

<table>
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<tr>
<th>Subjects</th>
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</table>

* In some cases subjects as shown indicated will be mandatory. See Entry Requirements Chart.

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

38 DIT Prospectus 2005

39 DIT Prospectus 2005
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, management, analysis and visualisation of geo-spatial data for surveying and mapping. There is a strong emphasis on mathematical, scientific and computer science-based and engineering-based aspects of the discipline. 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.

Career Opportunities

The qualification is for the profession of geomatics. Geomatics is concerned with all activities where precise maps and geographic data are required, such as for site development, construction, environmental management and monitoring, exploration and mining, archaeology, land use planning and land management. A career in geomatics is ideally suited to those with a scientific or technical interest, and who want a wide range 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 in pursuing postgraduate programmes in Ireland or abroad.

Further Information:

Frank Prendergast
Department of Geomatics
t 01 402 3674 / 3742
e frank.prendergast@dit.ie
w www.dit.ie/build/geomatics/

USEFUL LEAVING CERTIFICATE SUBJECTS*

Mathematics
Languages
Sciences
Technology
Business
Construction
Art

*In some cases subjects in areas indicated will be mandatory. See entry requirements chart.

Programme Description

This programme offers a comprehensive development of the students' skills in spatial planning and environmental management with a focus on information management and analyses of environmental planning, management and resource issues. Graduates will be equipped to contribute to the preparation and implementation of policies and programmes for resource management and environmental impact assessments, to carry out and develop control and efficacy of community development and rural resource management programmes.

Career Opportunities

Graduates of the programme may find employment in government agencies, local authorities, within industry or in private practice. Spatial Planning graduates find employment as planners in local authorities and in private sector planning consultancies.

Further Information

Mr Hendrick van der Kamp, School of Environmental Planning and Management, DIT, Bolton Street, Dublin 1
01 402 3745
ehendrick.vanderkamp@dit.ie

Mr Ken Boyle, School of Planning and Development, DIT, Bolton Street, Dublin 1
01 402 3814
ekboyle@dit.ie

ENTRY REQUIREMENTS 2005

<table>
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<td>O03</td>
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</table>

Main Locations

Mountjoy Square
Rathmines Road

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."
PROPRIETY ECONOMICS
ARCHITECTURAL TECHNOLOGY

BACHELOR OF SCIENCE (SURVEYING) HONOURS DEGREE - LEVEL 8
BACHELOR OF ARCHITECTURAL TECHNOLOGY ORDINARY DEGREE - LEVEL 7

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 recognised by the Irish Auctioneers and Valuers Institute.

Further Information
Mr. James Horan
School of Real Estate and Construction Economics
01 402 3692
james.horan@dit.ie

Mr. Cormac Allen
Department of Architecture, Technology & Conservation
01 402 3691
cormac.allen@dit.ie

Entry Requirements
Minimum Number of Subjects
Mathematics
Languages
Sciences
Technology
Business
Construction
Art

ENTRY POINTS 2003 PLACES (APPROX)
USEFUL LEAVING CERTIFICATE SUBJECTS*
Mathematics
Languages
Sciences
Technology
Business
Construction
Art

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

Programme Description
This programme prepares students with an understanding of the technologies employed in the construction of buildings and an ability to apply these technologies to given projects. Students are trained in skills required to prepare documentation used in the construction of buildings including computer-aided drafting, free-hand drawing, written documents and schedules. A very high standard of drafting and three-dimensional representation is achieved. Studies during the three years are predominantly project based with much activity in a studio. Lecture programmes are also provided in subjects related to the building technologies. Site visits, field trips and workshops are encouraged to broaden education. Students are also encouraged to work within architectural practices and related employment during the summer vacations to reinforce their education and training.

Career Opportunities
The majority of graduates are employed in architectural practices, while others are employed in government agencies and related areas of industry. Training in architectural technology equips graduates to fulfil a role in a consultant team, formulating technical solutions to construction problems, producing technical documentation and supervising construction on site. In the last ten years there has been a great demand for people with the qualification. Some graduates choose to work overseas to enhance their experience. Others pursue further education in related areas.

Main Locations
Mountjoy Square
Bolton Street
Cathal Brugha Street
Aungier Street

ANTe 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."

ENTRY REQUIREMENTS 2005
Minimum Number of Subjects
Mathematics
English or Irish
Other Requirements

ENTRY POINTS 2003 PLACES (APPROX)
USEFUL LEAVING CERTIFICATE SUBJECTS*
Mathematics
Languages
Sciences
Technology
Business
Construction
Art

* In some cases subjects indicated will be mandatory. See Entry Requirements Chart.
Auctioneering, Valuation and Estate Agency

DT104
THREE YEARS

BACHELOR OF SCIENCE (REAL ESTATE) ORDINARY DEGREE - LEVEL 7

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 (IPAV), 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 honours degree level by applying for entry to the Property Economics Degree programme (DT1110) or by obtaining advanced entry into related 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.

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, 01 402 3675, martin.hanratty@dit.ie

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

In some cases subjects of area indicated will be mandatory. See Entry Requirements Chart.

ENTRY REQUIREMENTS 2005

Minimum Number of Honours

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Entry Points 2003: 50

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

CONSTRUCTION TECHNOLOGY

DT103
THREE YEARS

BACHELOR OF TECHNOLOGY IN CONSTRUCTION TECHNOLOGY ORDINARY DEGREE - LEVEL 7

Programme Description
This is a three-year full-time programme leading to a Construction Technology Ordinary Degree award. It is designed to meet the needs of the construction industry for technical and managerial staff who have a sound understanding of the principles of construction technology and management, together with a good appreciation of general management skills and of the economics of the industry. Students are encouraged to gain industrial experience during the summer vacation. Holders of the Degree are exempt from the Formation Studies and part of the Core Studies examinations of the Chartered Institute of Building.

Career Opportunities
This award is particularly suitable for those who wish to attain positions relating to site management, contracts management, estimating and surveying in the construction industry. The majority of graduates work in building contracting or sub-contracting firms as estimators, quantity surveyors, programmers, planners, contract managers and site managers. Many have attained a high level in management where they are now executive directors or managing directors.

Other graduates are working for consultants in various capacities.

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, 01 402 3604, lloyd.scott@dit.ie

IN THE NEWS

Name: Sharon Hughes
Graduated: 2003

"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 will be good!"

Name: Sharon Scott
Current Status: Construction Technology Student (3rd year)

"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)
48 DT366 Accounting & Finance
49 DT365 Business & Management
50 DT354 Information Systems Development
51 DT355 International Business & Languages (French)
52 DT356 International Business & Languages (German)
53 DT357 International Business & Languages (Spanish)
54 DT358 International Business & Languages (English)
55 DT341 Marketing
56 DT343 Retail & Services Management
57 DT358 Transport & Logistics

ORDINARY DEGREE PROGRAMMES (LEVEL 7)
56 DT326 Business Management
57 DT327 Marketing & E Business
58 DT328 Security Management

HIGHER CERTIFICATE PROGRAMMES (LEVEL 6)
59 DT324 Business Management
60 DT315 Business Studies
61 DT303 Marketing
62 DT323 Retail Enterprise Management
63 DT322 Retail Marketing
64 DT325 Security Management
Programme Description
This three year honours degree programme provides the ideal route to careers in professional accountancy, fund management, professional 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 competences 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 standard may have access to a wide range of Masters degrees in DIT and elsewhere in higher education.

Further Information
School of Accounting and Finance

Name: Ms Marie O'Flynn

Current Status: 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 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."
**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 business subjects are applied subjects, enabling the student to study business problems in the context in which they are addressed in real life. The key soft skills and business related skills identified by the Expert Group on Future Skills Needs are covered, as are the most current software development topics such as Object-Oriented Systems Design and Development, Software Design Patterns and Distributed and Mobile Systems Development.

**Further Information**

Hugh O'Donnell
Head of Department of Management Information Systems

** ENTRY POINTS**

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<th>Programme</th>
<th>ENTRY POINTS</th>
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**USEFUL LEAVING CERTIFICATE SUBJECTS**

- Mathematics
- Languages
- Science
- Engineering
- Business
- Construction
- Art

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

**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 9000 BDIT Prospects 2005 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. The second foreign language options are currently on offer, subject to minimum numbers: beginners level Italian, Russian, Spanish, French, German. Students may not study their native language as a second language.

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 requirements of 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 a 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 H1 in French or German.

Unique Features of this Degree

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

Further Information

Roger Sherlock
School of Marketing
t 01 402 7033
f 01 402 7198
e roger.sherlock@dit.ie
w www.dit.ie/edt/inf/undergraduate/programmes/dt341.htm

ENTRY POINTS 2003

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Further Details

ENTRY REQUIREMENTS 2005

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Main Locations

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

CAREER PROFILE

Name: Emma Carroll
Current Status: Account Executive for Redstar Brand Activation

Emma Carroll graduated in 2002 with a First Class Honours degree in Marketing and 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 move to Redstar Brand Activation as Account Executive looking after accounts such as Vodafone, Lions Leo, Hagen Das and Ibermarto. 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.

ENTRY POINTS 2003

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USEFUL LEAVING CERTIFICATE SUBJECTS

Mathematics
Languages
Sciences
Engineering
Business
Construction
Art

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

ENTRY POINTS 2003

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Programme Description
The retail and services sectors have become a complex and demanding business area, driven by globalisation, 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.onionanddit.ie

For more details see our website at: www.dit.ie/DT/Study/UndergraduateCourses/dt343.html

Entrance Requirements

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

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

ENTRY POINTS 2003 PLACES (APPROX)

345 40

USEFUL LEAVING CERTIFICATE SUBJECTS*

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

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

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 competences 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 quantity, 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 in 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.

Further Information
Paul O'Reilly
Head of Department of Management Studies
t 01 402 3162
e paul.oreilly@dit.ie

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 B.Sc. Transport and Logistics are seen as a key foundation".

ENTRY POINTS 2003 PLACES (APPROX)

290 40

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

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

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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

Further Information
School of Retail and Services Management
t +353 1 402 7057
e don.oriordan@dit.ie

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

ENTRY REQUIREMENTS 2005

Minimum Number of Honours
Minimum Grade in Maths
Minimum Grade in English or Irish
Other Requirements
SEE PROGRAMME DESCRIPTION ABOVE

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

ENTRY REQUIREMENTS 2003

N/A

UTILITY
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
- Applied Security Science
- Audit & Investigations
- Property Management.

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
t: 01 402 7057
e: 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

Programme brings out the best in them. They have shown that they have the ability by getting a Merit or Distinction in the Certificate and now want to get an honours degree because they have proved to themselves that they can do it.

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.

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.
Programme Description
This programme is designed to provide both a solid grounding in general business and to develop working competencies in areas such as Accounting, Management Information Systems and Management Marketing. It provides a foundation for employment in a wide range of business administration settings. In addition to core subjects such as accounting, business law, communications and operations management students may also attend classes in French/German if they wish.

Career Opportunities
A significant proportion of the graduates of this programme continue their studies to honours degree level. The programme confers exemptions from the a range of degree programmes within DIT. As such this programme exposes students to a range of subjects, which allows them to make an informed choice with regard to their further studies and future career paths. In addition, the programme develops those skills and competencies which facilitate an easy transfer into a range of occupations in the financial, industrial and commercial sectors.

Further Information
School of Accounting and Finance
Name: Orna Gleeson
Graduated: 2001
Current Status: FX Spot Dealer

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.

Unique features of this Certificate:
- Opportunities to study either Web Design & Internet Technology or a continental language (French or German). Students wishing to take a language option must have at least a H3 in French or German.

Career Opportunities
This Certificate programme provides attractive career opportunities in the expanding marketing profession. There is a range of opportunities at junior executive level in areas such as Market Research, Marketing, Promotion, Sales Management, and Services Marketing and merchandising.

Entry Requirements
Minimum Grade in English or Irish: O3

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

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
Minimum Grade in English or Irish: O3

Main Locations
Mountjoy Square
Rathmines Road
Aungier Street

GRADUATE PROFILE
Name: Orna Gleeson
Graduated: 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.”

60 DIT Prospectus 2005

MARKETING

Programme Description
This programme 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
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/study/undergraduate/programmes/2005.html

Alternatively you can contact:
Roger Sherlock
School of Marketing
t: 01 402 7033
e: roger.sherlock@dit.ie

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.

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
Minimum Grade in English or Irish: O3

Main Locations
Mountjoy Square
Rathmines Road
Aungier Street

GRADUATE PROFILE
Name: Stephen Dunne
Graduated: 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 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.”

60 DIT Prospectus 2005
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
01 402 7057

Programme Description
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
01 402 7057

ENTRY REQUIREMENTS 2005

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Main Locations
Mountjoy Square
Rathmines Road

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's 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.

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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.

Entry Requirements

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<th>Subjects</th>
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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 Garda."
Faculty of Engineering

HONOURS DEGREE PROGRAMMES (LEVEL 8)

- DT081 Computer Engineering
- DT021 Electronic Engineering
- DT025 Engineering (Common First Year)
- DT026 Building Services Engineering
- DT023 Manufacturing Engineering
- DT022 Mechanical Engineering
- DT024 Structural Engineering
- DT001 Product Design
- DT028 Transport Engineering

ORDINARY DEGREE PROGRAMMES (LEVEL 7)

- DT037 Automotive Management and Technology
- DT005 Building Services Engineering
- DT004 Civil Engineering
- DT009 Electrical and Control Engineering
- DT008 Electronic and Communications Engineering
- DT006 Electronic and Computer Systems
- DT010 Electrical Services Engineering
- DT002 Engineering Systems Maintenance
- DT009 Manufacturing Automation
- DT006 Mechanical Engineering

HIGHER CERTIFICATE / FOUNDATION PROGRAMMES (LEVEL 6)

- DT062 Electronic and Computer Systems
- DT060 Preliminary Engineering
BACHELOR OF ENGINEERING TECHNOLOGY

Explanatory Note
The Faculty of Engineering has replaced some of its Certificate/Diploma programmes with the ordinary degree of Bachelor of Engineering Technology. These Bachelor of Engineering Technology programmes have a duration of three years. Students will progress to the following year of the programme upon successful completion of each year.

The Institution of Engineers of Ireland (IEI) gives recognition to the level of award for associate membership of the Institution (AAMIE). This level of membership is recognised internationally through various agreements agreed by the professional bodies.

The successful graduate will be qualified to make a significant contribution to the engineering and technological sectors in Ireland and abroad. The programmes are designed to incorporate analytical and practical knowledge of the various disciplines of engineering and technology.

Successful students of these programmes may have the opportunity to progress to the professional degree programmes provided they meet the particular entry requirements of those programmes.

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

Bachelor of Engineering Technology Degrees

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<td>DT125</td>
<td>Technology (Integrated Maintenance)</td>
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<td>DT003</td>
<td>Manutronics Automation</td>
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<td>DT007</td>
<td>Automotive Management and Technology</td>
<td>DT150</td>
<td>Transport Engineering/Motor Industry Management</td>
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<td>DT010</td>
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Prospective students should note that our honours degree programmes are outlined on the following pages. The following four-year honours engineering degree programmes are fully accredited by the IEI – DT021, DT022, DT023, DT024, DT026.

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)

Minimum Number of Points: 60
PLACES (APPROX) 265
ENTRY POINTS 2003

Computer Engineering

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.

Progression
Students who reach an appropriate honours standard may progress to a range of Masters degrees or Doctorate programmes in DIT or elsewhere in higher education.

Further Information
Mr John Dalton
01 402 4802
j��ton@electronics.dit.ie
Mr Christopher Bruce
01 402 4576
christopher.bruce@dit.ie

USEFUL LEAVING CERTIFICATE SUBJECTS*

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

Mathematics Languages Sciences Engineering Business Construction Art

** Minimum number of grades required for entry to all programmes.

Entry Requirements

Minimum Number of Points: 60
Places (Approx): 265

Mathematics
Languages
Sciences
Engineering
Business
Construction
Art

Further Information

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j西ton@electronics.dit.ie
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Main Locations

Mountjoy Square
Bolton Street
Cathal Brugha Street
Aungier Street

Temple Bar
Kevin 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."

68 DIT Prospectus 2005

Computer Engineering

BACHELOR OF ENGINEERING (COMPUTER ENGINEERING) HONOURS DEGREE - LEVEL 8

DT081

FOUR YEARS

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.

Progression
Students who reach an appropriate honours standard may progress to a range of Masters degrees or Doctorate programmes in DIT or elsewhere in higher education.

Further Information
Mr John Dalton
01 402 4802
j西ton@electronics.dit.ie
Mr Christopher Bruce
01 402 4576
christopher.bruce@dit.ie

USEFUL LEAVING CERTIFICATE SUBJECTS*

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Mathematics Languages Sciences Engineering Business Construction Art

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69 DIT Prospectus 2005
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 - robotic 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.

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

01 402 4874
michael.farrell@dit.ie

Points for weighted subjects

ENTRY REQUIREMENTS 2005
Minimum Number of Honours
Subjects
Maths
English or Irish
Other Requirements
8
2
H3
003

Further Information
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 specialities. Students are encouraged to obtain suitable summer employment in the industry to supplement their studies.

ENgINEERING DEGREE OPTIONS

ENTRY REQUIREMENTS 2005
Minimum Number of Honours
Subjects
Maths
English or Irish
Other Requirements
2
H3
O3

ENTRY POINTS 2003
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
Bolton Street
Cathal Brugha Street
Aungier Street

Chatham Row

Rathmines Road
Temple Bar
Kevin Street

Chatham Row

DT025 Bachelor of Engineering Honours Degree - Level 8
Graduate transferred into the Engineering (Building Services) Degree Programme. Using the 'ladder system' for 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
Tel: 01 402 3636

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. Joe Kindregan
Head, Department of Civil and Structural Engineering
Tel: 01 402 3638

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
Tel: 01 402 3638

"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 run well 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

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.

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

Head, Department of Mechanical Engineering.  t 01 402 3605

SUCCESSFUL COMPLETION OF COMMON FIRST YEAR (DT025)

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Main Locations

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

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.

Career Opportunities

Manufacturing Engineers are involved with the manufacture of all types of products ranging from individual items to large batches using robotics and highly automated machines. They may also be involved with the management of projects and industries and with the operation and maintenance of plant and equipment.

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

Department Secretary,  t 01 402 3626  or  Mr. Robert Simpson,  Head, Department of Manufacturing Engineering  t 01 402 3823

SUCCESSFUL COMPLETION OF COMMON FIRST YEAR (DT023)

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Main Locations

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

GRADUATE PROFILE

Name:  Fergal Ward
Graduated: 2003
Current Status: Masters Student in Advanced Engineering (DIT)

"I have always been interested in engineering. I chose to specialise in manufacturing engineering because at the time there were plenty of opportunities in the area. I have to say that I had a very enjoyable student life in DIT, meeting new people in our campsues, clubs and societies. Also, through my involvement in the promotion of engineering for FAS and the Government, I got the opportunity to study at the NASA Kennedy Space Centre in Florida. There is a shortage of engineers in the country so future engineering graduates can be confident that they will be highly sought after. Ireland is also changing and gearing to compete in a higher level of technical engineering. Manufacturing programmes in DIT are continuously transforming to meet these demands by introducing new dynamic modules which reflect Ireland's industrial future."
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 manufactureable 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 competence 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 utilized 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
T 01 402 3626 (Secretary)
T 01 402 3845 (Course Leader)
E michael.ring@dIT.ie or william.bergin@dIT.ie

ENTRY REQUIREMENTS 2003

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Main Locations
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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 technical sector, 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 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
t: 01 402 3602
f: 01 402 3991
e: kenneth.bracken@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 POINTS 2003

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Main Locations

Mountjoy Square
Rathmines Road

BOLTON STREET
CATHAL BRUGHA STREET
AUNGIER STREET
CHATHAM ROW

ENTRY POINTS 2003

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Main Locations

Mountjoy Square
Rathmines Road

BOLTON STREET
CATHAL BRUGHA STREET
AUNGIER STREET
CHATHAM ROW

BUILDING SERVICES ENGINEERING

Programme Description

The programme requires an analytical ability to understand and solve technical problems relating to the building services engineering industry. Mechanical and electrical building services such as heating, air-conditioning, ventilation, refrigeration, fire protection, water supply, drainage, lighting, power, data communications are installed in buildings to ensure a comfortable and safe internal environment.

Examination and other requirements

(a) Students take the Institute's examinations at the end of each session.
(b) Students also complete assignments and practical laboratory work during the session.
(c) Work placement in an appropriate environment at the end of second year is required.

Career Opportunities

The qualification is appropriate to those wishing to enter engineering as a technologist specialising in Building Services Engineering. Graduates have excellent prospects of employment with consulting engineers, contracting firms, equipment suppliers and building managers.

Recognition by Professional Bodies

Those who have successfully completed the programme are expected to have satisfied the academic requirements for the Associate Membership grade of the Institution of Engineers of Ireland.

Entry Requirements

Entrants 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. Daniel Byrne
Head, Department of Building Services Engineering
t: 01 402 3636

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.
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 work both indoors and outdoors. Civil Engineering Technologists design and construct roads, bridges, railways, dams, water supply systems, sanitary services. This programme equips graduates with the necessary skills to work as civil engineering technologists, carrying out much of the detailed analytical and design specifications on a building project. An interest in problem solving, computation and mathematics is important.

Examination and other requirements:
(a) Students take the Institute's examinations at the end of each session.
(b) Students also complete assignments and practical laboratory work during the session.

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.

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 Associate degree 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 end of each year 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 Kindregan
Head, Department of Civil & Structural Engineering
Tel. 01 402 3636
joseph.kindregan@dit.ie

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 their studies by engaging in a substantial 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 end of each year 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 Coyle,
School of Control Systems and Electrical Engineering
Tel. 01 402 4873
ejugene.coyle@dit.ie

ENTRY POINTS 2005

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The programme prepares students for designing and developing new systems. Communications technology is one of the most sophisticated and rapidly changing areas of electronics. It not only 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.

Graduates of the programme who achieve a high average mark in the final examinations are eligible for transfer into the honours degree four year programmes in Electrical/Electronic Engineering (DT081), and Electronics/Electronic Engineering (DT021).

**Programme Description**

**Career Opportunities**
Graduates of this 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 DIT "Ladder System" allows students who reach the appropriate level in final examinations progress to honours degree programmes. (See DT081 & 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
Tel 01 402 4577
Fax 01 475 6669
e-mail: gerald.farrell@dit.ie

**ENTRY REQUIREMENTS 2005**

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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:** Chris Bruce  **Current Status of Department:** 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."

**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**

This programme provides an ideal opportunity for students who already hold a certificate award in this area to obtain an ordinary degree. This programme has a strong systems perspective, which is intended to develop the student's knowledge and technical abilities in the areas of Computer Communications and Industrial Electronics Systems. It is divided into core and elective courses together with a foreign language option.

Applicants should have a merit or distinction in their Certificate award and should use the DIT Advanced Entry system (not CAO) to apply. Forms are available from the Admissions Office (Tel 01 402 3445) or can be downloaded from our website (www.dit.ie)

This programme is also offered on a part-time basis (one day and one evening per week) over a two-year period of study. (See programme DT079 on our website)

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

**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 engineering technology used in modern buildings today. These hi-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 field. 

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 an 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.

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
Kevin Kelly, Department of Electrical Services Engineering, Faculty of Engineering
01 402 4771
kevin.kelly@dit.ie

Ms. Sonia Nolan, Secretary, Department of Electrical Services Engineering, Faculty of Engineering
01 402 4617
electricalsevice@dit.ie

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

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Main Locations
Mountjoy Square
 Rathmines Road

STUDENT PROFILE

Name: Ken Winters
Graduated: 2003
Current Status: Consultant Engineer

Ken now works for Buro Happold Engineering Consultancy, one of Europe’s leading consultant engineering firms which specialises in Electrical and Mechanical Services Engineering. He has been involved in a variety of projects over this last year including the lighting design for the Hugh Lane art gallery in Dublin. Ken was awarded first place for his design in the international competition “Young Lighters 2004”, run by the Society of Light and Lighting in London.

ENTRY REQUIREMENTS 2005

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Main Locations
Mountjoy Square
 Rathmines Road

CAREER PROFILE

The Engineering Systems Maintenance programme was specifically designed to meet the increasing demands on maintenance practitioners in modern industry for a multi-disciplinary, multi-skilled, flexible technologist with expertise in the complementary disciplines of electrical, mechanical, fluid power and computer applications. Implementation of these activities requires personnel whose role is recognized as forming part of a dynamic team responsible for the reliable and safe operation of plant and equipment.
MANUSTRONICS
AUTOMATION
BACHELOR OF ENGINEERING TECHNOLOGY (MANUSTRONICS AUTOMATION) THREE YEARS
ENTRY POINTS 2003 PLACES (APPROX) 235 30

PROGRAMME DESCRIPTION
Manutronics 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 academic class-work and practical “hands-on” work in DIT laboratories and workshops.

Career Opportunities
Mechatronics and Manutronics Automation (Engineering) is a modern machines work. Students design using skills such as 3D computer aided systems no matter what the product or work Electronic Engineering which makes all Manufacturing Systems. Mechatronics is the microprocessor controllers as well as learning process may be.

Further Information
Department of Manufacturing Engineering

ENTRY REQUIREMENTS 2005

Minimum Number of Honours Subjects Minimum Grade in English or Irish Other Requirements
5 003 003

Main Locations
Mountris Square, Cathal Brugha Street, 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.

MOUNTAIN
AUTOMATION
BACHELOR OF ENGINEERING TECHNOLOGY (MOUNTAIN AUTOMATION) THREE YEARS
ENTRY POINTS 2003 PLACES (APPROX) 335 60

PROGRAMME DESCRIPTION
This three year full-time programme prepares students for the Bachelor of Engineering Technology (Mechanical Engineering) ordinary degree Award. At the start of the third year students will be offered a choice of two options: Manufacturing Technology or Process Plant Technology.

Examination and other requirements
(a) Students take the Institute’s examinations at the end of each session.
(b) Students also complete assignments and practical laboratory work during the session.

Career Opportunities
The qualification is appropriate to those wishing to enter engineering as a technologist/technician specialising in either Process Plant Technology or Manufacturing Technology. These technologists are involved in the design, manufacture and installation of all types of plant and equipment ranging in size from small individual components to complete factories or process plants. Graduates have excellent prospects of employment with manufacturing or processing firms, research organisations, consulting engineers, state and semi-state agencies.

Recognition by professional bodies
Those who have successfully completed the programme are expected to satisfy the academic requirements for the Associate Membership grade of the Institution of Engineers of Ireland.

Further Information
Head, Department of Mechanical Engineering
01 402 3605

ENTRY REQUIREMENTS 2005

Minimum Number of Honours Subjects Minimum Grade in English or Irish Other Requirements
5 003 003

Main Locations
Mountris Square, Cathal Brugha Street, Aungier Street, Temple Bar, Kevin Street, Chatham Row

STUDENT NEWS
DIT engineering student sheds light on lamp-post problems

Paul O’Connell, a final year Mechanical Engineering student in DIT, has taken 3rd place in the 2004 Siemens Young Engineer of the Year Award. Run in association with the Institution of Engineers of Ireland, the Awards showcase novel and intuitive engineering applications from some of Ireland’s most promising young engineers. Paul’s winning project involved designing and manufacturing an automated system suitable to test the structural stability of street lighting columns.

Research showed that in the UK alone, over 60% of street lamps are more than 20 years old and represent genuine hazards to pedestrians and motorists. Realising that warning signs such as cracks are often hidden underground or beneath layers of paint, Paul designed an automated system to test the material, foundations and structural soundness of any lighting column while still in the ground.
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 industries.

The programme has a strong practical emphasis and a bias towards the application of electronics in the electronics industry. An appropriate mathematical and engineering science foundation is incorporated to ensure that students wishing to extend their studies to the DT 6 engineering degree in Electronics and Computer Systems (DT088) at some future date will be enabled to do so.

This programme is also offered on a part-time basis over a three-year period of study (See programme DT082 on our website).

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.

Further Information
Mr Michael Tully
01 402 4790
michael.tully@dit.ie
Mr Christopher Bruce
01 402 4576
christopher.bruce@dit.ie

Progression
The DT 'Ladder System' allows students who reach an appropriate level in final examination results prior to ordinary and honours degree programmes (See DT080, DT088, DT081 & DT071).

USEFUL LEAVING CERTIFICATE SUBJECTS*

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Rathmines Road  ❌  Temple Bar  ❌

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 it suited the structure of the programme suited me. It meant 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 enjoyed as it is more "hands on". Another distinct advantage of staying 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."

ENTRY POINTS 2003 | PLACES (APPROX)
200 | 60

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 DT professional engineering honours degree programmes: DT025 ('common first year for DT026 Building Services Engineering, DT022 Mechanical Engineering, DT023 Manufacturing Engineering and DT024 Structural Engineering Honours Degrees.) DT028 Transport Technology Honours Degree. DT021 Electrical & Electronic Engineering Honours Degree. DT081 Computer Engineering Honours Degree.

Further Information
Dr. Pat McCormack
Head Department of Engineering Science and General Studies
01 402 4039
pmccormack@dit.ie

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Rathmines Road  ❌  Temple Bar  ❌

GRADUATE PROFILE

Name: Ciara Ahern
Current Status: Contracts Manager

"On leaving school I decided that I wanted to be an engineer but I did not study mathematics for my Leaving Certificate, so I found that my DT engineering degree made me an attractive candidate for a professional engineering entry. I really enjoyed the challenge of the engineering sector but the business side also. This meant that I was in a uniquely suited position of having choices as to my desired career path, an enviable position these days."
Faculty of Science

HONOURS DEGREE PROGRAMMES (LEVEL 8)

92  DT226  Biochemistry and Molecular Biology/Biotechnology
93  DT204  Biomedical Science
94  DT209  Chemical Sciences
95  DT229  Clinical Measurement
96  DT228  Computer Science
97  DT203  Forensic and Environmental Science
98  DT233  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
Programme Description
This programme is offered over one and a half academic years. The aim is to provide education and training for graduates with diplomas enabling such graduates to achieve the award of Graduateship of the Institute of Biology for the professional award of Graduateship in Biology. 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 allowance.

Entry Requirements:
(i) Technician Diploma in Applied Science (Applied Biology) of the Dublin Institute of Technology with Merit or Distinction, or
(ii) An appropriate Diploma in Biological Sciences, Biomedical Sciences, Food Science or Food Technology with Merit (60-69%) or Distinction (70%+) grade, or
(iii) A BSc pass degree with the equivalent of a first class 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
e louis.armstrong@dit.ie
Biochemistry and Biotechnology
Dr. Ursula MacEvilly,
School of Biological Sciences,
t 01 402 4813
e ursula.macevilly@dit.ie

Application Procedure
Application must be made on the Advanced Entry form, which is available from the Admissions Office, 30 Upper Pembroke Street, 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.

Programme Description
This programme is primarily designed for those seeking a career as Medical Scientists in Hospital Laboratory Medicine. However, are well qualified to seek careers in other areas of Biomedical Science and in related fields. The first two years of this programme are based in college. In the third year the student undertakes a clinical laboratory placement in a designated hospital pathology laboratory. At the end of this period the student is examined on their clinical laboratory placement year. This examination includes dissertations, a practical assignment to be presented in poster form, and in addition, an assessment of the professional competence of the students, based on their performance during their clinical laboratory placement. Students must satisfy this professional competence assessment to continue the programme. The final two years of the programme involve an integrated, advanced programme in Biomedical Science. The students are given the opportunity, in their fourth year, to select one of the specialist disciplines of Biomedical Science as a major and a second discipline as a minor and, in addition, undertake a research project in their final year.

Further Information
Secretary
School of Biological Sciences
01 402 4552
f 01 402 4995

Career Opportunities
There are excellent career opportunities for the attainment of postgraduate qualifications by taught Masters programmes and at MPhil and PhD level by research. There are opportunities for the attainment of postgraduate qualifications by taught Masters programmes and at MPhil and PhD level by research. The regulations laid down by the Department of Health and Children for the employment of medical laboratory staff in pathology laboratories in Ireland require that applicants must hold a recognised Biomedical Science degree and be eligible for membership of the Academy of Medical Laboratory Science. The BSc (Biomedical Science) of DIT, with a satisfactory assessment of professional competence obtained during the clinical laboratory placement period, is recognised by the Academy of Medical Laboratory Science (Ireland) for the award of membership grade of the Academy. In addition, it is recognised by the Institute of Biomedical Science (UK) for the award of Associate Membership of the Institute.
Programme Description
This programme extends over three full-time semesters. The aim is to provide a pathway for graduates with pass degree/USC 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 (AMRSC). 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 colleges under the Socio-Sphere programme. The programme places particular emphasis on development of laboratory skills and the use of modern analytical instrumentation.

Entry Requirements
(i) Technician Diploma in Applied Science (Chemistry option) of Dublin Institute of Technology with Merit 1 or Distinction or
(ii) a Merit 1 level achievement (60% average) in a general degree programme having chemistry as a final year subject or
(iii) a pass degree having chemistry as a final year subject or
(iv) the GRSC (Part B and GRSC Practical with examination or
(v) the HNC/D and Certificate in Applied Chemistry (CAC) with appropriate bridging studies where required.

Three semesters full-time. Five semesters part-time (Programme code K292).

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 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
t 01 402 4645
e 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.

In order to undertake the hospital placement, students must complete a health screening and vaccination programme, the nature of which will change from time to time depending on the requirements of the health service.

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
Dr. P. Goodman,
School of Physics,
t 01 402 4782
e pat.goodman@dit.ie
Mr. A. Meade,
School of Physics,
t 01 402 4691
e aidan.meade@dit.ie

ENTRY REQUIREMENTS

Minimum Number of Honours

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

**Main Locations**

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

94 DIT Prospectus 2005
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 flexibility. 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 pursing quality careers in the ICT industry. The School has institutional links with many industrial leaders such as Oracle, Datalex, and Computer Associates through sponsorship and through project co-operation. 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.

ENTRY REQUIREMENTS

<table>
<thead>
<tr>
<th>Subjects Honours Maths</th>
<th>Mathematics</th>
<th>Languages</th>
<th>Sciences</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 |

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.

USEFUL LEAVING CERTIFICATE SUBJECTS*

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

ENTRY POINTS 2003 PLACES (APPROX)

300 85

USEFUL LEAVING CERTIFICATE SUBJECTS*

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

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 |

CAREER PROFILE

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

- Sampling and 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.
OPTOMETRY

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.

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 in order 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 (FAOI). 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.

Optometry requires 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.

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 physical scientists, which has led to the development of our modern electronic, 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.

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

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

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 interest 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.""
This programme is designed to meet the needs of 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.

**Programme Description**

Graduates may apply for advanced entry into fourth year of the BSc Computer Science (DT228) programme depending on their final year examination results. They may also apply for advanced entry to the part-time (evening) BSc Information Technology (DT246) and degree programmes in other third level institutions.

Further Information

Mr Ken O'Brien
School of Computing

01 402 4951
ken.obrien@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

**Physical AND Life Sciences**

**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, Physics, and Engineering. Each of these options provides the opportunity to learn new skills using the most up-to-date instrumentation and technology and also to deepen your understanding of the scientific principles involved. Graduates from this programme are highly sought after by the high-tech international companies which are now driving the Irish economy in the 21st Century.

**Career Opportunities**

Career opportunities include electronic, optochemical, pharmaceutical, food and computer industries, hospital laboratories and state laboratories. Many students wish to go abroad to gain experience in Europe and beyond. Large numbers of postgraduates are now enjoying careers in senior positions in the Irish industry.

**ENTRY REQUIREMENTS 2005**

<table>
<thead>
<tr>
<th>Minimum Number of Honours</th>
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**Main Locations**

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Temple Bar  \[ \boxed { \text { Kevin Street} \]

Rathmines Road  \[ \boxed { \text { Chatham Row} \]

**FURTHER INFORMATION**

Chemical Sciences Option, contact: Dr. Mary McNamara
School of Chemistry
01 402 4781
mary.mcnamara@dit.ie

Physics Option, contact: Dr. John Doran
School of Physics
01 402 4953
john.doran@dit.ie

**ENTRY REQUIREMENTS 2005**

<table>
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Temple Bar  \[ \boxed { \text { Chatham Row} \]

Rathmines Road  \[ \boxed { \text { Chatham Row} \]

**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 DT407 Culinary Arts
108 DT461 Environmental Health
109 DT413 Event Management
110 DT440 Food Technology/Pharmaceutical Technology
111 DT401 Hospitality Management
112 DT412 Tourism Marketing

ORDINARY DEGREE PROGRAMMES (LEVEL 7)
113 DT481 Food Processing/Pharmaceutical Manufacture
114 DT408 Hotel and Restaurant Management
115 DT411 Leisure Management
116 DT405 Tourism

HIGHER CERTIFICATE PROGRAMMES (LEVEL 6)
117 DT400 Baking and Pastry Arts Technology and Management
118 DT444 Culinary Arts (Catering) for Health
119 DT441 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>
<tr>
<th>Programme</th>
<th>DT408 Hotel and Restaurant Management Ordinary Degree</th>
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<tbody>
<tr>
<td></td>
<td>DT406 Tourism Ordinary Degree</td>
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<tr>
<td></td>
<td>DT481 Food Processing/Pharmaceutical Manufacture Ordinary Degree</td>
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<tr>
<td></td>
<td>DT444 Culinary Arts (Catering for Health) Higher Certificate</td>
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<td>DT440 Hotel and Catering Supervision Certificate</td>
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<td>DT406 BA in Hotel &amp; Restaurant Management Ordinary Degree</td>
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<td></td>
<td>DT410 Travel &amp; Tourism Certificate</td>
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POSSIBLE HIGHER PROGRAMMES

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<td>DT412 Tourism Marketing Honours Degree</td>
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<tr>
<td></td>
<td>DT480 Food Technology/Pharmaceutical Technology Honours Degree</td>
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<td></td>
<td>DT407 Culinary Arts Honours Degree</td>
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<td></td>
<td>DT401 BSc Hospitality Management Honours Degree</td>
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<td>DT408 BA in Hotel &amp; Restaurant Management Ordinary Degree</td>
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<td>DT408 BA in Hotel &amp; Restaurant Management Ordinary Degree</td>
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<td></td>
<td>DT406 BA in Tourism Ordinary Degree</td>
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<td></td>
<td>DT412 BSc in Tourism Marketing Honours Degree</td>
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</tbody>
</table>

ADDITIONAL COSTS

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

Programme | Uniforms | Knives | Shoes | Lab Costs | Manuals | Field Visits | Safety Glasses |
-----------|----------|--------|-------|-----------|---------|-------------|---------------|
| DT401     | X        |        |       |           |         |             |               |
| DT480     | X        | X      | X     |           |         |             |               |
| DT491     | X        |        |       |           |         |             |               |
| DT408     | X        |        |       |           |         |             |               |
| DT406     | X        |        |       |           |         |             |               |
| DT444     | X        | X      | X     |           |         |             |               |
| DT441     | X        |        |       |           |         |             |               |
| DT440     | X        |        |       |           |         |             |               |

Approximate costs: Uniforms €100, Knives €127, Shoes €300, Lab Costs €20, Safety Glasses €10. Visually impaired students in DT480, DT481 and DT491 must have prescription safety glasses (€100).

CULINARY ARTS

PROGRAMME

DT407

FOUR YEARS

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 studies students are required to complete an industry/faculty 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

Culinaryarts@dit.ie

www.dit.ie

ENTRY REQUIREMENTS 2005

Minimum Number of Honours

<table>
<thead>
<tr>
<th>Minimum Grade in Maths</th>
<th>English or Irish</th>
<th>Other Requirements</th>
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ENTRY POINTS 2003

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USEFUL LEAVING CERTIFICATE SUBJECTS*

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

* In some cases subjects as listed 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

IN THE NEWS

Name: Niall Kearns

Graduated: 2003

For 23-year-old Niall Kearns, the BA in Culinary Arts at DIT was "a total mind-blowing experience. It was brilliant. It challenged each student. We were 24 very different individuals and whether you liked it or not, had to work together. It broke down barriers, and for me it opened up so many opportunities. The great thing about the course is that you never stop learning. It has opened up my mind on food, it has driven me to move on and do what I want to do. It has, in short, empowered me."

Quoted in the Irish Times Magazine

(26 February 2004)
Programme Description
This programme examines the wide and varied issues such as food safety, environmental pollution, occupational health, and human health. Students gain experience in examining these issues and other aspects of Environmental Health through coursework and practical assignments.

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.

Further Information
School of Food Science and Environmental Health
T: 01 402 4355
E: fsh@dit.ie
W: www.dit.ie

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

ENTRY REQUIREMENTS 2003
Minimum Number of Honours: 6
Subject: Mathematics
Other Requirements:
- OCI
- O03

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

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

ENTRY REQUIREMENTS 2003
Minimum Number of Honours: 6
Subject: Mathematics
Other Requirements:
- OCI
- O03

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

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

Programme Description
The events industry is a young and exciting industry that has expanded rapidly in the last decade giving rise to an ever increasing demand for professional event managers. This growth nationally and internationally has been fuelled by among other things the increase in the number, size and sophistication of the events being organised and the realisation by companies of the important role events play in helping achieve objectives. Events can take many forms ranging from the very large sporting events such as the World Cup and Olympic Games, to music festivals such as Glastonbury, Live Aid and Slane, right through conferences, meetings and exhibitions held by the corporate sector to family occasions such as weddings, confirmations, bar mitzvahs etc.

Career Opportunities
Students who have reached the appropriate honours standards may have access to a range of Masters Degrees in the School of Hospitality Management and Tourism, Dublin Institute of Technology.

Further Information
School of Culinary Arts and Food Technology
T: 01 402 4398
E: tourism.hospitality@dit.ie
W: www.dit.ie
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.

Programme Description

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).

Further Information

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

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.

Further Information

School of Hospitality Management and Tourism

Career Opportunities

Careers in the hospitality industry may include 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.

Further Information

School of Hospitality Management and Tourism

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 nurtures 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."

Main Locations

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Rathmines Road  Temple Bar  Kevin Street  Chatham Row

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TOURISM MARKETING

Programme Description
This four-year honours degree offers an academic foundation in the cognate discipline of marketing, as applied to the context of national and international tourism sectors. Its strong focus on marketing is nevertheless supportive of a broad business and management perspective, directed at the tourism industry. It thus provides graduates with firm basis for a business career in the marketing and management of tourism enterprises such as visitor attractions, destination management companies, tour operators, travel agencies and hotels and conference centres and management bureaus.

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.

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

Further Information
School of Hospitality Management and Tourism
1040 4352 01 402 4352
e: tourism.hospitality@dit.ie
w: www.dit.ie

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 DI and elsewhere in higher education.

Entry Requirements
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<th>Minimum Number of Honours</th>
<th>Other Requirements</th>
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*At least Ordinary Level C3 in French or German or Spanish or Irish.

USEFUL LEAVING CERTIFICATE SUBJECTS*

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<tr>
<th>Mathematics</th>
<th>Languages</th>
<th>Sciences</th>
<th>Engineering</th>
<th>Business</th>
<th>Construction</th>
<th>Art</th>
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</thead>
</table>

*In some cases subjects in areas indicated will be mandatory: see entry requirements chart.

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

STARS OF THE FUTURE

IN THE NEWS

Student Name: William Danne
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's 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)
Programme Description
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-oriented and industry-focused curriculum. This programme offers the student a major in the food and beverage industry. This dynamic opportunity for those who wish to pursue a career in management in the hotel and catering industry. 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 and other recreation-related developments. Within the practical modules students are assessed for recognised qualifications in First Aid, Lifesaving and Fitness Instruction. Applicants should note that there is a strong emphasis on business subjects and on academic performance generally. Some examinations in second year take place in March after which each student must complete a four-month supervised placement in industry. This placement is remunerated and may be undertaken in Ireland or abroad.  

Career Opportunities
Career 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 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 the range of disciplines.

Further Information
School of Hospitality Management and Tourism
355 35

ENTRY POINTS 2003 PLACES (APPROX)
NEW 80

USEFUL LEAVING CERTIFICATE SUBJECTS*

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See Entry Requirements Chart.

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

Main Locations
Mountjoy Square Bolston Street
Rathmines Road Temple Bar

INDUSTRY VIEW

Name: Ken Robinson

Current Status: General Manager, SportSCO, President, ILAM (I.A.) 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 projects 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 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 in no small way responsible for these achievements."
TOURISM

DT406
THREE YEARS

BACHELOR OF ARTS (TOURISM) ORDINARY DEGREE - LEVEL 7

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 and strengthened by a strong focus on the tourism and hospitality industry. Students will study one or more majors in a broad range of activities within the industry. Students have the opportunity to access honours degree programmes at year 3 level in DIT and elsewhere in higher education. Graduates have secured employment in a wide range of activities within the bakery and associated food industries in the areas of production, product development, research, quality control, technical sales. They may also proceed to further education.

ENTRY REQUIREMENTS 2005

Minimum Number of Subjects
Minimum Number of Honours
Maths
Other Requirements

ENTRY POINTS 2003
PLACES (APPROX)

NOT OFFERED AS AN ORDINARY DEGREE IN 2003

45

STAFF VIEW

Name: Paul Hackett

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

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.

Further Information
School of Hospitality Management and Tourism

t: 01 402 4352
e: tourism.hospitality@dit.ie
w: www.dit.ie

ENTRY POINTS 2003 PLACES (APPROX)

AQA
20

ENTRY POINTS 2005 PLACES (APPROX)

ENTRY REQUIREMENTS 2005

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

Main Locations
Mountjoy Square
Bolton Street
Cathal Brugha Street
Aungier Street

Rathmines Road
Temple Bar
Kevin Street
Chatham Row

GRADUATE PROFILE

Name: James Griffin

Current Status: Master Baker, Galway and 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 at DIT. Tourism students 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.”

116 DIT Prospectus 2005
This programme is designed to develop a set of values that encourages excellence in team work and leadership capabilities for careers in the foodservice sector. Participants are equipped 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
The programme is specifically designed for those who intend to enter the licensed trade and foodservice sector and to progress to supervision in an area of specialism. Licensees and proprietors of various foodservice outlets throughout the country show a particular interest in this programme as being appropriate to school-leavers. The range of topics equips participants with a comprehensive knowledge of the operation of a licensed trade business and foodservice in general regardless of size and type. Participants are provided with the knowledge and skills necessary to develop themselves for careers in various aspects of the bar and foodservice business. In addition to their institute studies students will be required to gain practical experience in the relevant business sector.

Career Opportunities
Supervision of licensed premises or foodservice enterprises.

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
Minimum Number of Subjects
Honours
Maths
English or Irish
Other Requirements
5
003
003

Main Locations
Mountjoy Square
Rathmines Road
Brugha Street
Kevin Street
Chatham Row

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."