Welcome to the Schools of Engineering and Computer Science and Statistics

Deirbhle O’Reilly
Global Officer for the School of Engineering
Orientation Week 2016
Céad Míle Fáilte
(One hundred thousand welcomes)
Part 1: Trinity Information
Deirbhle O’Reilly: Global Officer for Engineering

Administrative Queries:

<table>
<thead>
<tr>
<th>Office Hours</th>
<th>My schedule is fluid, so please phone or send an email to make an appointment so I can guarantee that I’m available.</th>
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</thead>
<tbody>
<tr>
<td>Location</td>
<td>Museum Building (Up the stairs opposite M17 (beside Dermot O’Dwyer’s office))</td>
</tr>
<tr>
<td>E-mail</td>
<td><a href="mailto:Deirbhle.oreilly@tcd.ie">Deirbhle.oreilly@tcd.ie</a></td>
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<tr>
<td>Phone</td>
<td>01 896 4872</td>
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Heads of Schools
Professor Henry Rice
Global Room
Student Ambassadors

Herbert (Bioengineering)  Dale (General engineering)
Trinity Global Room and Student Ambassadors

Watts Building
(beside Academic Registry)

Email: tcdglobalroom@tcd.ie

Open Mon-Fri, 9.30am-9pm

- Over 300 TV channels
- Social and Event Space
- Student Ambassadors
- New to Dublin
- Access Student Services

Drop-in Service:
Feel free to drop by during opening hours with any questions about Trinity or Dublin!
New2Dublin

Informal extended orientation programme for new students that runs for the first six weeks of term.

**When:** Monday from 5-7pm

**Where:** the Global Room

**Who:** anyone new to the city
Orientation – Other Events

https://www.tcd.ie/orientation/students/undergraduates/engineering.php
Social Activities and Student Societies

Indian Cinema, Bollywood
Indian Food, Music and Dance

Indian Festivals
... such as Holi and Diwali are now celebrated in Trinity every year. Hundreds of non-Indian students now also participate and join the Society

www.facebook.com/trindiansoc
Social Activities and Student Societies

- Over 220 sports clubs and societies
- DUISS – International Student Society
- DUEngSoc - Engineering Society
- DUCSS - Computer Science Society
- Engineering Ball
- The Trinity Ball
Socialising in Ireland

- Huge variety of events and activities on and off campus.
- National museums and galleries in Dublin have free admission.
- Wide variety of free events advertised daily on Free Dublin Events Guide.
- Pubs are often social centre, BUT not everyone is drinking alcohol.
- Legal age for drinking alcohol is 18.
- Drugs are completely illegal
The Trinity College campus is very safe.

The Security Officers who provide a 24-hour service are responsible for:

- General security
- Conducting mobile and foot patrols on campus
- Monitoring certain perimeter gates
- Monitoring the CCTV system and alarm systems
- Responding to emergencies
- Supporting special events on campus

The contact number for the 24 hour Security Centre is (01) 896 1317 and the emergency number is (01) 896 1999.
Conduct Policies

Trinity want all students to have a safe, enjoyable and successful time here.

We expect all students to be respectful to everyone and encourage them to look out for each other.

For the benefit of all students, we have conduct policies to keep everyone safe. The following things will not be tolerated:

- Abuse of others (violent, sexual, verbal or electronically)
- Property destruction, vandalism
- Substance abuse/excessive consumption
- Theft, disorderly conduct, tampering with fire safety
- Criminality in any form
- Behaviour that puts yourself or others at risk
- Academic dishonesty (Be careful with group work, which has individual reports).
Trinity Map and Facilities

https://www.tcd.ie/Maps/

Very useful maps of Dublin city, the college, including a virtual tour, information about gate access times, lecture theatres and computer rooms (including printing facilities)
Access to Trinity College Dublin

Always carry your student card with you (for building and exit access)!
Map of Student Services in Trinity
Map of Engineering Buildings in Trinity
Libraries

There are a number of libraries around campus. For details, please see: https://www.tcd.ie/Library/

- Berkeley/Lecky/Usher
  (includes a 24 hour reading room)

- Hamilton Library (FEMS books)
Restaurants & coffee shops on campus

- **The Buttery Food Court**:
  - Monday to Thursday: 7.30am – 4pm
  - Fridays: 7.30am – 3pm

- **The Dining Hall**
  - Monday – Friday: 12 -3pm
  - Commons: 6.15 pm daily (need to book).

- **Lavazza at the Arts Café**:
  - Monday to Thursday: 8am – 7pm
  - Friday: 8am – 6pm

- **The Science Gallery**: For the opening times please website:
  - [https://dublin.sciencegallery.com/opening-hours](https://dublin.sciencegallery.com/opening-hours)
Structure of Trinity

- Faculty 1 (Arts, Humanities and Social Sciences)
- Faculty 2 (Engineering, Maths and Science)
- Faculty 3 (Health Sciences)
Faculties
Schools

Engineering, Mathematics & Science
- Biochemistry & Immunology
- Chemistry
- Computer Science & Statistics
- Engineering
- Genetics & Microbiology
- Mathematics
- Natural Sciences
- Physics

Health Sciences
- Dental Science
- Medicine
- Nursing & Midwifery
- Pharmacy

Arts, Humanities & Social Sciences
- Business
- Drama, Film & Music
- Education
- English
- Histories & Humanities
- Languages, Literature & Cultural Studies
- Law
- Linguistic, Speech & Communication Sciences
- Psychology
- Social Sciences & Philosophy
- Social Work & Social Policy
- Religion, Theology & Ecumenics
Schools
Departments

School of Engineering

Departments:
• Civil, Structural and Environmental Engineering
• Mechanical and Manufacturing Engineering
• Electronic and Electrical Engineering

School of Computer Science & Statistics
International Students in Engineering
Information for Students on Classes

https://www.tcd.ie/Engineering/undergraduate

Select year

Select stream

Engineering with Management

Exam timetable

Course timetables

Department Handbooks

Year structure

Exam regulations
Engineering Handbooks

- Contains all the relevant information regarding academic year in the various streams within the Engineering School

- Please read carefully!

Also information also communicated to students:

- on departmental noticeboards
- via email and via blackboard (Important to check regularly)
Understanding Trinity Terms

- Junior Freshman (JF): 1\textsuperscript{st} Year
- Senior Freshman (SF): 2\textsuperscript{nd} Year
- Junior Sophister (JS): 3\textsuperscript{rd} Year
- Senior Sophister (SS): 4\textsuperscript{th} Year
- MAI: 5\textsuperscript{th} year

- Michaelmas Term: Winter Semester
- Hilary Term: Spring Semester
- Trinity Term: Examination Period**

- **Trinity Jargon Buster**: [https://www.tcd.ie/orientation/jargon/](https://www.tcd.ie/orientation/jargon/)
Engineering Teaching and Assessment

- Combination of lectures, tutorials and laboratories
Engineering Teaching and Assessment

- Module descriptors detail assessment methods
- Combination of group and individual work
- Irish students and academic preparation
General Academic Expectations

• Students are expected to:
  • Be punctual, attend and fully participate in all lectures/labs/tutorials
  • Complete all homework assignments, exams, papers and projects on time and to the best of their ability.
  • Ask for guidance from faculty if you are uncertain/struggling
  • Can speak to professor, tutor, mentor, or Student Learning and Development
• Be respectful of staff, faculty and fellow students
• Trinity’s academic system rewards independent learning.
• You will need to familiarize yourself with library resources.
• Everybody here wants students to succeed!
Grading System

- Volume of Assignments
- Length of preparation
- Continuous Assessment verses an exam centred approach
- Marking system differences
- The only way to perform well is to prepare well.

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<thead>
<tr>
<th>Class</th>
<th>Numerical Mark</th>
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<tbody>
<tr>
<td>I</td>
<td>70-100%</td>
</tr>
<tr>
<td>II.1</td>
<td>60-69%</td>
</tr>
<tr>
<td>II.2</td>
<td>50-59%</td>
</tr>
<tr>
<td>III</td>
<td>40-49%</td>
</tr>
<tr>
<td>F.1</td>
<td>30-39%</td>
</tr>
<tr>
<td>F.2</td>
<td>0-29%</td>
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# Departmental Coordinators

<table>
<thead>
<tr>
<th>Engineering Stream</th>
<th>Name</th>
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<tbody>
<tr>
<td>Civil, Structural and Environmental Engineering</td>
<td>Dr Sara Pavia</td>
</tr>
<tr>
<td>Computer Engineering</td>
<td>Dr Donal O’Mahony</td>
</tr>
<tr>
<td>Electrical and Electronic Engineering</td>
<td>Dr Nicola Marchetti</td>
</tr>
<tr>
<td>Biomedical Engineering</td>
<td>Dr David Hoey</td>
</tr>
<tr>
<td>Engineering with Management</td>
<td>Dr Garret O’Donnell</td>
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<tr>
<td>Mechanical and Manufacturing</td>
<td>Dr Henry Rice</td>
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Studying in the Engineering School, Trinity College

- Recommend 60 ECTS for full academic year
- 30 ECTS per semester
- Majority of modules worth 5 ECTS (minority 10 ECTS)
- Exams for all modules in JF, SF, JS, MAI years are in May. It may be possible to take semester 1 exams before Christmas with prior permission.
- Exams for SS Semester 1 modules are in January (3rd – 13th) and you must be available for these exams if choosing a 4th year module.
- Students must be available for the month of May to take examinations. Final timetables will be finalized approximately 1 month before exams begin.
Choosing your Modules

- You are free to choose modules across the Engineering Programmes
- Read Module section of the handbooks/website carefully in order to make an informed choice
- Attend any lectures in the first week of teaching term you may be interested in
- Permitted to take modules in other Schools/Departments if you obtain their approval and if your home university approves.
- No clashes allowed- must examine timetable carefully when choosing modules
Restrictions on Modules

- When choosing your modules, please note that there will be restrictions in some modules due to space and examination constraints.

- Please note that in the upper years of our Engineering degrees many modules have pre-requisite modules. Your visiting student coordinator must approve all modules and sign your learning agreement.

- For those of you who are hoping to study an MAI/MSc Module, please note that full time students for MScs conduct a thesis during the summer term. As such, final results for MSc modules are not available until September, therefore your official transcript will be delayed until then.
Module Enrolment Form

- Included in the package from Trinity International Admissions and Study Abroad Office

- *Meet your Erasmus/Exchange Coordinator to get approval and signature; then return form to Academic Registry*

- *All of the visiting student coordinators (except computer engineering) are here today.*

- *Deadline to return to Academic Registry: Wednesday 28th September 2016*

- *For more details and blank enrolment form:*
  [http://www.tcd.ie/academicregistry/study-abroad/](http://www.tcd.ie/academicregistry/study-abroad/)
Changing Modules

- Option to change modules in Teaching week 3
- We do NOT recommend that you change modules then as you will have missed the first 3 weeks of the alternative module.
- There is also no guarantee that you can freely choose an alternative module. There may be space constraints.
Learning Agreements

- To be signed by the Erasmus/Exchange Coordinator for your stream.
- Must submit to the Global Officer to obtain signature
- It is your responsibility to fulfill your home university requirements
English Language Support

“In-sessional English for Academic Purposes”

- Weekly two-hour evening modules for registered TCD students for whom English is not a first language.
- Available Monday, Tuesday, Wednesday or Thursday evenings (6-8pm or 7-9pm each evening).
- The course runs for 12 weeks in each semester.
- Course is free, but there’s a €50 registration fee per semester.

For more information: https://www.tcd.ie/slscs/english/in-sess.php
Testimonials from Visiting Students at the Engineering School

- “The modules are interesting and well taught. I have appreciated the high level of interaction between students and the lecturer. On the other hand, the workload is very high!” Alessandra, Italy
- “Beautiful campus….privilege to study here” Christoph, Germany
- “Nice staff, friendly and open” Johannes, Germany

Recommendations:

- “Societies are a great way to get to know people…..get to know some Irish people (they’re nice!)…. there are lots of international students here, which is great”
- “Keep fun and study balanced”
- “Make the most of the free gym and sauna!”
- “Dublin bikes is a nice system and a great way to see the city”
Part 2:
Information on Ireland/ Dublin
Travel around Dublin/Ireland

Public Transport:
- **Dublin Bus** – [www.dublinbus.ie](http://www.dublinbus.ie)
  - Number and Route
  - Exact Change
  - Nitelink – night-time service €6 [www.dublinbus.ie](http://www.dublinbus.ie)
- **LUAS** – Tram Service – [www.luas.ie](http://www.luas.ie)
- **DART** – [www.irishrail.ie](http://www.irishrail.ie)
- **Bus Éireann** – National Bus Service – [www.buseireann.ie](http://www.buseireann.ie)
- **Irish Rail** – National Rail Service – [www.irishrail.ie](http://www.irishrail.ie)
- **Taxi** – Regulated; Yellow sign, ID

Cycling:
- **Dublin bikes** - [http://www.dublinbikes.ie/](http://www.dublinbikes.ie/)
- **Purchasing** bikes (advice can be found in the Global Room).
Useful Apps
INIS Registration

If you do not have an EU passport, you MUST register with the INIS

- Valid Passport
- Proof of Registration (must request from Academic Registry)
- Proof of Fees page (must request from Academic Registry)
- Proof of financial support (show €3,000 in Irish bank account)
- Proof of Health Insurance
- Cost of Registration: Euro 300 (no cash)

Make an appointment online:
http://burghquayregistrationoffice.inis.gov.ie/
Re-entry/Multiple Entry Visas

If you require a visa to study in Ireland and you wish to travel home or to another country, you MUST obtain a re-entry visa.

- Obtain IN IRELAND
- Allow 6-8 weeks
- Please refer to www.inis.gov.ie for application form and guidelines and to make online appointment
- Apply by mail or at the Visa Office, in the same building as the GNIB
- Visa Office open Monday-Friday, 8.30am-2.30pm

Documents Required:

- Passport
- GNIB card
- Colour passport-sized photograph
- Registration letter from Trinity with dates of course
- Fee: €60 single entry/€100 multiple entry
Opening a Bank Account

Required documentation:
• Passport
• Trinity ID
• Proof of IRISH address (Letter from Academic Registry)

To update your address to your Irish address:
• Login to my.tcd.ie portal
• Select “Maintain My Student Record” tab in upper right corner
• Change your “Term Address” to your Irish address

If you updated your Irish address when you registered, a letter will be ready for you in Academic Registry.

If you updated your Irish address after you registered, you will have to request the letter from Academic Registry. Please allow 3 days.
Online Registration and Card Collection

• Once you have completed on-line registration, you will need to collect your TCD student card in person from the Exam Hall/Public Theatre (see map at www.tcd.ie/Maps).

• Please ensure you print your confirmation of registration slip and bring it to the Public Theatre, together with photo ID.
Emergency and Out-of-Hours Healthcare

For Emergencies – Dial 112
(for ambulance, police or fire brigade services)

Nearest hospitals:

- St Vincents’

- For out of hours GP (doctor) service, call DUBDOC, an out of hours service in St. Vincents’ hospital, between 18:00hrs – 22:00hrs weekdays and 10:00hrs – 18:00hrs on weekends. There is a €60 fee. Tel: (01) 221 4021 Fax: (01) 209 4026
Emergency and Out-of-Hours Healthcare

For Emergencies – Dial 112

Nearest hospitals

• St. James’ Hospital

• For out of hours GP (doctor) service, call DUBDOC, an out of hours service in St. James’ hospital, between 18:00hrs – 22:00hrs weekdays and 10:00hrs – 18:00hrs on weekends. There is a €60 fee. Tel: 01 4545607
Health Insurance Coverage

• Check what your policy covers.

• Before undertaking medical treatment, you should receive confirmation that the treatment is covered.
  • Call or email your insurance company directly.

• Please read the information document to understand your coverage, limitations to your coverage and how to make a claim.

• If necessary, check if your policy includes holiday/travel cover for anywhere within the EU/visits home.
Shopping & Practical Matters

- **Mobile Phones:**
  - O2, Meteor, Vodafone, 3

- **Grocery Shopping:** Shop locally (or online), utilizing markets and inexpensive options
  - Lidl, Aldi,
  - Fruit & veg markets
  - Dunnes Stores
  - Tesco
  - SuperValue
  - Asian Markets

- **Plastic bag levy:** 22 cent

- **Opening hours:** All shops (except grocery stores) usually close at 6 or 7pm every night, except on Thursdays when they close at 9pm. Some shopping centres open until 9pm daily.

- **Budgeting**

- **Weather & Clothes**
Part 3: Part Time Work and Internships
As an international student in Trinity, when you register with the Irish Naturalisation and Immigration Service (INIS), they give you a “Stamp 2”

The “Stamp 2” entitles you to work:

- **part time during the College term (Max of 20 hours/ week)**
- **full time during the holidays (max of 40 hours/ week)**
  - summer holidays - 1st June to 30th September (4 months)
  - Christmas/Winter holidays - 15th December to 15th January (1 month)

This means that you could take up work in Ireland during the summer after your examinations end.
Getting a PPS (Personal Public Service) Number

You will need a PPS (personal public service) number to take up paid work in Ireland.

You need proof of a job offer to apply for a PPS number.

Details on applying for this can be found here:

Improve your chances of success

- **High quality applications and attention to detail:** There is no guarantee of securing work, but you can increase your chances by taking the time to make sure your applications are to a high standard.

- **Make full use of Trinity’s Career Advisory Service and Resources:**
  These resources include:
  - An award-winning website with extensive information, advice, guidance and vacancies
  - Weekly emails advertising vacancies, internships and upcoming employer events
  - Weekly Drop-in CV and LinkedIn profile review clinics
  - Practice interviews on video
  - One to one appointments
Any Questions?

Thank You.