Welcome to Trinity!

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School of Mathematics
Director of Undergraduate Studies

http://www.maths.tcd.ie/~vdots
School vs. college

- Do not assume that they are similar because they are not.

First of all, the size of your class will be much bigger. There should be about 100 students in most of your first-year modules (including Mathematics, Theoretical Physics and also TSM students).

The material introduced will be more difficult to grasp. You will not be able to understand everything by simply attending lectures. Normally, at least twice the time you spend in class should go into homeworks and self-study.

You ended up here because you did well in secondary school, but you are not going to do well here just because you ended up here.

The teaching approach will be different and it will take some time to adjust. You will need to understand the material and frequently argue with proofs. In particular: just memorising some basic facts will not usually help!
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- Tutorials start during the second week of classes. They do appear in your timetable, but they are meant to start a week later.
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Fresh vs. sophister

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- **Fresh years.** Most modules are mandatory during the first two years. These years are designed to introduce the background needed to study all kinds of topics. Students are allowed to fail 1-2 modules, as long as their marks in these modules are not particularly low.

- **Sophister years.** During the last two years, students get to choose their own modules based on their interests and future plans. There is a large selection of modules including maths education, statistics and various theoretical/applied maths modules. Students are allowed to fail 1-2 modules, as long as their marks in these modules are not particularly low.

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If you miss a homework assignment or an exam due to an illness or another serious cause, then you should inform your college tutor. Your tutor should be able to arrange an extension/exemption for the assignment and also try to reschedule the exam you missed.
All modules are examined shortly after the teaching is finished. Modules taught in autumn will be examined in an exam session just before Christmas. Modules taught in spring will be examined in April.

There will be just one week for revision of all modules before exams so make sure you focus during the semester! Supplemental (repeat) exams take place in August to examine all students in modules they failed. Students who do not pass either normally or via supplementals get to repeat the year, but each year can only be repeated once (except for medical reasons).
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- Any communication with your tutor is strictly confidential.
## Marks at Trinity

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<tr>
<th>Letter grades</th>
<th>0-29</th>
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<th>40-49</th>
<th>50-59</th>
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<tbody>
<tr>
<td>F2</td>
<td>F1</td>
<td>III</td>
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About 10-15% of the freshers fail their annual exams and about 5-10% of the freshers students fail their supplemental exams.
Things of interest

- **Prizes.** There are several prizes for Maths students and those are given to the students with the highest rankings in their class.

- **Foundation Scholarship.** This is a prestigious award that includes free tuition, accommodation and meals for up to 5 years. It is given to all second-year students who excel in a series of exams.

- **Exchange programmes.** Third-year students are allowed to study abroad in various universities across the world. Some past students studied at Berkeley, UCLA, U of Melbourne, Paris V, and so on.

- **Maths Help Room.** This is a drop-in centre for maths questions. It is run by undergraduate students who are available at fixed times.

- **Societies.** There is a long list of societies that you may join including various sports clubs, a Students' Union and also the MathSoc.
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MA1125 – Single-variable calculus ...... Paschalis Karageorgis
MA1213 – Introduction to group theory .... Dmitri Zaitsev
MA1241 – Mechanics I ......................... Jan Manschot
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▶ Maths timetable:
  www.maths.tcd.ie/undergraduate/timetable
   → The maths timetable is available through this web page.
## Main lecture theatres

### List of common lecture theatres

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Building</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sal1</td>
<td>Salmon</td>
<td>Hamilton building</td>
</tr>
<tr>
<td>Syn2</td>
<td>Synge</td>
<td>Hamilton building</td>
</tr>
<tr>
<td>Jol4</td>
<td>Joly</td>
<td>Hamilton building</td>
</tr>
<tr>
<td>Max5</td>
<td>Maxwell</td>
<td>Hamilton building</td>
</tr>
<tr>
<td>McN3</td>
<td>MacNeil</td>
<td>Hamilton building</td>
</tr>
<tr>
<td>EELT</td>
<td></td>
<td>East End Building</td>
</tr>
<tr>
<td>LB01</td>
<td></td>
<td>Lloyd building</td>
</tr>
<tr>
<td>LB04</td>
<td></td>
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</tr>
<tr>
<td>ST107</td>
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<td></td>
<td>Lloyd building</td>
</tr>
<tr>
<td>CLLT</td>
<td></td>
<td>Chemistry building</td>
</tr>
<tr>
<td>PLLT</td>
<td>Physics</td>
<td>Fitzgerald building</td>
</tr>
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Synge, Salmon, Maxwell, MacNeil, and Joly are in the Hamilton building.

EELT is in the basement of 3. LB01, LB04, LB08, ST107, and ST120 are in the Lloyd building/institute, which is next to 11. CLLT is in 5. PLLT is in the Fitzgerald (or Physics) building, which is also next to 11.