

IMPERIAL COLLEGE LONDON  
Department of Computing

Introduction to

First-Year Teaching  
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First Year Coordinator

## The role of the first year coordinator is to ...

- Organise Coursework, Labwork and Options
- Maintain the 1st-Year Noticeboard on the web

<http://www.doc.ic.ac.uk/~dfg/FirstYear/home.html>

- advise on course management problems
- discuss problems with the your elected representatives

You should already possess copies of:

- Autumn Term Timetable
- 1st-Year Student Notes

This information is all available on the departmental web site:

<http://www.doc.ic.ac.uk>

look under “internal”  
and then “student centred teaching links”  
for all the information you need

# Autumn Term courses

- Programming (Haskell and Java)
- Discrete Mathematics I
- Logic
- Computer Systems
- Hardware
- Mathematical Methods
- Professional Issues

# Spring Term courses

- Object Oriented Programming (in Java)
- Discrete Mathematics II
- Reasoning about Programs
- Computer Systems
- Databases I

and one of:

- Topics in AI (Artificial Intelligence)
- Foreign Language

You must act now if you want to take the Foreign Language Option

# Summer Term courses

- Programming (Prolog)
- Programming (C)

# Teaching Methods

## Lectures

## Standard Tutorials

Usually there is 1 standard tutorial for each 2 lectures.

In a tutorial you are given exercises or mini-tests, and can get help from course tutors

## Laboratory Sessions

Some help given in at the terminals

# Teaching Methods

## Small-group tutorials

You have one per week with each of:

- your *Personal Mathematics Tutor*
- your *Personal Programming Tutor*
- one of these is also your *Personal Tutor*
- your PMT covers logic and (some) maths
- your PPT covers programming

Each PMT/PPT group contains 6-7 students.

# Assessments

## Examinations

- Written papers in the Summer Term

## Coursework

- Online submission is via the CATE system
- Hardcopies are submitted via the SAO (Room 345)

## Programming

- Practical tests that assess your programming skills
- They are taken online

# Assessments

## Topics

- Web article and presentation

## Labwork

- is submitted electronically
- is marked by your PPT or their assistant,  
but the marks will not count in the year total

# Assessments

## The "Christmas Test"

- this tests the Autumn Term courses in Logic and Mathematical Methods
- it is practice for the "real" exams and counts towards your Coursework Total
- it is sat near the end of Week 11

If you do not pass it:

- do some extra study before the summer exams!

# To pass the first year, you need:

## 40%

- at least 40% for Coursework
- at least 40% for Programming
- pass all exam papers (pass mark 40%)

If you fail Coursework or Programming:

- you will be required to withdraw

If you fail *marginally* on the exams:

- you *may* be able to resit in September

If you fail *worse-than-marginally* on the exams:

- you will be required to resit next year

# First-year mark scheme

4 exam papers	450
Coursework	150
Programming	200
Topics / Language	50
TOTAL	850

The First-year Total counts for:

- one sixth of the BEng degree
- one ninth of the MEng degree

# At the end of the Summer Term

- all marked work done during the year must be returned by you to the SAO for review by the External Examiners

Therefore ...

- keep it all safely until then

## Do ...

- attend lectures punctually
- attend all tutorials and do all exercises
- take continuous assessment ***very seriously***
- seek help if you need it

## Do not ...

- chat in lectures
- let mobile phones ring in any teaching context
- submit plagiarized work

## For course-related problems

- contact your Academic Reps
- or me - [dfg@doc.ic.ac.uk](mailto:dfg@doc.ic.ac.uk)

## For academic problems

- contact your PMT or PPT
- or the course lecturer(s)

## For personal problems

- contact your Personal Tutor
- or the Senior Tutor, Mrs. Cunningham