Welcome to UCL Computer Science (BSc & MEng)
Who is talking to you?

- Dr. Graham Roberts
- Departmental Tutor
- Director of Studies
- Office 5.07a
- G.Roberts@cs.ucl.ac.uk
Who Are UCL CS?

- Part of the UCL Engineering Faculty
  - A leading research department
  - 300 Undergraduates
  - 350 Masters
  - 150 PhD/EngD
  - 60 Academic Staff
  - 100 Research Staff
  - 40 Admin and Technical Staff
- Majority located in the MPEB —> (Malet Place Engineering Building)
Names to Note

• Prof. John Shawe-Taylor
  Head of Department

Nicola Alexander
  – Departmental Administrator
    (Academic Policy and Operations)

• Victoria West
  – Undergraduate Administrator, room 5.22

• JJ Giwa
  – Departmental Administrator
    (Facilities Management and Operations)
What Happens Today?

• Have you enrolled?
• Right now
  – Welcome to UCL Computer Science
  – Meet me + other staff
• This afternoon
  – UCL Science Library Induction
  – Relax, settle in
Rest of week?

• Details on your Induction Week Timetable
• Tuesday
  – Get your CS Computer Account (MPEB 1.04)
  – Meet your Mentor
• Wednesday
  – 11-1 Departmental Intro talk Bentham B1
  – Practice labs (A-D, K-M)
    • Make sure you can use email and other UCL services.
Thursday/Friday

• Thursday
  – Various talks introducing careers and societies.
  – More labs (E-J, M-S, T-Z)

• Friday
  – Party! UCLCS Welcome for new UG students
    • 52 Club, Basement of Bonham Carter House, 52 Gower Street
    • Meet you tutor

• Weekend
  – UCLU Welcome Fair
What do you do with the rest of the time?

• Not a lot!
• Make friends
• Get to know UCL
• Sightseeing around London
• Or learn to program ...
  – Find out more on Wednesday.
Transition Programme

- To help you settle in and find out how UCL works.
- You will have a 2nd or 3rd year student mentor.
  - Meet them on Tuesday.
- Find out:
  - How to be a student.
  - How to study effectively.
  - Problems and solutions.
  - Where the fun places to be are!
Timetables...

• Normal teaching starts next Monday, 29th Sept.
• Timetables are online.
  – You can get a personal timetable.
• Goto first lecture of each module.
  – Problem/practical classes are also in timetable.
    • See your personal timetable for allocated groups.
• Find out where the lecture theatres and class rooms are this week.
• This is UCL week 5, lectures start in week 6.
MEng Mathematical Computation

• Term 1
  – COMP101P Principles of Programming
  – COMP102P Theory I
  – MATH1201 Algebra I
  – MATH1401 Mathematical Methods I

• Term 2
  – COMP103P Object-Oriented Programming
  – COMP104P Theory II
  – COMP105P Robotics Programming
  – MATH1202 Algebra II

• You are automatically registered for all these.
BSc & MEng Computer Science

• Term 1
  – ENGS101P Integrated Engineering
  – ENGS102P Design and Professional Practice
  – COMP101P Principles of Programming
  – COMP102P Theory I

• Term 2
  – COMP103P Object-Oriented Programming
  – COMP104P Theory II
  – COMP105P Robotics Programming
  – MATH6301 Discrete Mathematics

• You are automatically registered for all these.
Integrated Engineering Programme (IEP)

• BSc and MEng Computer Science are IEP degrees

• Being an engineer:
  – Think and work like an engineer, theory and practice
  – Interdisciplinary
  – Your role in society, being a global citizen
  – And becoming a Computer Scientist

• ENGS101P/102P are taken by all engineering first years
  – You will be learning and working with students from other departments
  – Starts next Monday
ENGS101P Kick Off

Monday 29th September 2pm
Camden Centre
Judd St
WC1H 9JE

About 10 minutes from UCL
Feedback

The IEP introduces some big changes this year and we are keen to get your feedback. You can do this through:

- Module evaluations forms
- Undergraduate Tutors/ Programme Directors
- Staff-Student Consultative Committees
  - Department and Faculty
- IEP Director – John Mitchell (j.mitchell@ucl.ac.uk)
STRENGTHSFINDER

TEACHING SELF AWARENESS AT UCL ENGINEERING

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HOW TO TAKE THE TEST

**STEP 1. YOUR UNIQUE ACCESS CODE**

This is a 25 digit code you need to enter into the Gallup website so that you can take the test.

It will be shown when you login at the very top of the page.

**STEP 2. GO TO GALLUP WEBSITE**

It will take you 30 ~ 40 minutes to answer all 120 questions in the quiz.

It feels more like a survey than anything, except that it’s for you!

**STEP 3. HIP HIP HURRAY!**

That’s it! In a few moments you will have your Top 5 strengths. Your 34 strengths are ranked, but let’s focus on your Top 5.

Just fill in those details in your app when you are done! That way you will be able to see and share the strengths of the entire UCL Engineering 2014/2015 cohort!
Student and Strengths

LOGIN using UCL login and password at https:\\engs.strengths.cs.ucl.ac.uk to get your unique 25 character access code to complete the online quiz to get your Top 5 strengths.

Go back to the web app, enter your results and find out more about your strengths and the strengths of your engineering peers.

Set up MyPortfolio (www.ucl.ac.ul/myportfolio) Page and save your personal SF2.0 report in ‘Files’.

Add an action under CPD- with a heading self awareness. Enter your CPD activity – ‘took SF2.0 quiz’
ENGS101P Integrated Engineering

• Two 5 week Challenges: UCL Grand Challenges Themes
  • C1: Sustainable Planet – Energy for Homes
  • C2: Global Health – Production of a TB Vaccine in Sub-Saharan Africa

• Focus: Application of Skills via the Design Cycle

• Learning Outcomes: Challenge #2 builds from Challenge #1

• Lead: Emanuela Tilley (e.tilley@ucl.ac.uk)
ENGS101P Integrated Engineering

• In the first challenge you will be in multi-disciplinary groups made up of students from across the faculty.

• In the second challenge you will have a large multi-disciplinary consulting team, but much of the work will be done in a team from your department and one other department.

• The modules is assessed 100% by coursework.
ENGS102P Design and Professional Skills

20 Elements over term 1: 40 hours, workshop based with pre-workshop material

- Introduction to Engineering
- Critical thinking/Problem Solving
- The Design Cycle
- Project Lifecycle
- Product Design
- Introduction to Engineering Drawing
- Teamworking
- Leadership
- Ethics / Sustainability

- Professionalism
- Entrepreneurship
- Sourcing information
- Technical argument
- Presentations/Visualization
- Writing
- Plus software engineering and project management in computer science
Your Tutor?

• Meet at Party on Friday.
  – Provisional list of tutors/tutees on CS website.

• Get to know your tutor.
  – She/He will be your tutor throughout your time at UCL.

• Make sure you meet your tutor at least three times this term and twice next term.
  – Give regular progress reports.

• Available for help and advice throughout term time.
  – By default, contact via email.
Portico

• UCL Student Information System.
• Make sure your details are correct
• Especially your contact information
  – Update as necessary
Rules & Regulations...

• Mostly about assessment.
• And so that UCL functions as an academic community.
• You are now a member UCL.
  – Please respect UCL’s traditions and regulations.
• UCL is not a school!
• UCL has a long held and deep commitment to equal access and opportunities.
Terms

• Three terms* a year
  – Term 1 Oct-Dec
  – Term 2 Jan-March
  – Term 3 May-June
    (exam term + events and challenges)

*UCL is a real university, so no semesters :-)

You’re in the driving seat

• Unlike school, learning is fully your responsibility

• We help but you take charge of your own education and running your own life
Change the World?

• *Not* just a slogan
• All students do Industry Projects
  – Build hardware/software for real people to solve real problems
    • Enable a charity to help people
    • Use energy more efficiently to reduce bills
    • Help the disabled travel
    • Work with doctors in the NHS
    • Make a difference
  – Volunteer via UCL Volunteering Services
The Secret of Success?

- Immerse Yourself in Being At University!
- You will be challenged!
- It will be hard work!
- Also learn how to relax, make friends and make the most of the opportunities available to you.
- In the next few weeks get to know everyone else in the first year.
Need Help during the Term?

• See me (office 5.07a), or
• Undergraduate Administrator (5.22), or
• Your Tutor, or
• Reception Desk, 5th Floor
That’s it

• Enjoy your time at UCL!