Electrical and Electronic Engineering and Biomedical Engineering - Foundation Year (City University)

This course is accredited by City University and is delivered both at City University and City and Islington College's Angel Campus.

If you want to study Electrical and Electronic Engineering or Biomedical Engineering, but lack the entry requirements, this course is for you. You'll study modules to increase your knowledge and build your confidence in core engineering subjects, and successful completion leads directly to the first year of one of the BEng or MEng degrees at City University of London.

It is a highly successful foundation programme, delivered in partnership with City and Islington College by its enthusiastic staff at the Angel Campus. Upon successful completion of the foundation year, students gain direct access to the honours degree, continuing their studies at City University in Islington, where you could progress to the first year of:

- BEng degree in Energy and Sustainability Engineering
- MEng degree in Energy and Sustainability Engineering
- BEng degree in Engineering Systems
- MEng degree in Engineering Systems
- BEng degree in Biomedical and Healthcare Engineering
- MEng degree in Biomedical and Healthcare Engineering
- Another engineering degree at City, University of London, by agreement

For information on our Higher Education policies including admissions, fees, and student contracts, please see the links below:

- **Admissions Policy**
- **Complaints Policy**
- **Equality, Diversity and Inclusion Policy**
- **Fees Policy**

Start Date: 2 September 2024
Duration: 1 Year
Attendance: Full Time
Location: Angel (K Block)

https://www.capitalccg.ac.uk/candi/course/course-detail/pdf/11368/

- **HE Student Contract**
- **Student Protection Plan**

For our full list of policies, governance and fees please see our website Capital City College Group (capitalccg.ac.uk).

WHAT WILL I STUDY?

The foundation year includes the following key modules:

- Electrical and Electronic Principles
- Electrical Science
- Mathematics
- C Programming
- Study Skills
- Electronic Hardware and Software Experiments

Plus one option from:

- Computer Hardware
- Biomedical Engineering

Approximately half your time is spent on scheduled learning, and half on independent learning. As a Foundation course student, you will take most of your classes at City and Islington College, and some laboratory classes are taken at City, University of London. Both institutions emphasise tutorial support and study skills.

WHAT WILL I NEED?

UCAS Tariff: 96 points

A Level: CCC

Pearson BTEC Level 3 National Extended Diploma (first teaching from September 2016): DDM

International Baccalaureate Diploma Programme: 27 points

GCSE: National 4/National 5

HOW WILL I BE ASSESSED?

Assessment is based on written examinations, formal laboratory reports, technical reports and essays, class tests and oral presentations of project or software development work.

Single-taught modules normally comprise a minimum of 20 hours of lectures, 10 hours of problem-solving, example and revision classes, a minimum of 15 hours of laboratory classes, and on average at least 60 hours of independent study.

Most contact hours will take the form of lectures, tutorials, practical work and design projects. The number will decrease as you progress, and you become more able to direct your learning.

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Ofsted Good Provider

Capital City College Group
www.capitalccg.ac.uk

WHAT WILL IT COST?

ADULTS - HIGHER EDUCATION

You must pay fees to study a Higher Education (HE) course. If you have not studied one previously, you may be eligible to apply for an HE loan. Other financial support such as maintenance loans and disability support are also available.

Please see here for the documents you will need to show us.

Some courses will have other associated costs, such as for specialist materials and trips. Many of our students are eligible for financial support, see here for details.

Tuition fees: £9250 Year 1

WHAT CAN I DO AFTER?

Successful completion of the Electrical and Electronic Engineering, and Biomedical Engineering Foundation Year allows direct admission to the first year of the B.Eng. and M.Eng. engineering degrees offered by City University of London.

It can also give access to undergraduate courses at other institutions or higher degree apprenticeships; in these cases, students will need to make specific enquiries with the institutions involved.

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