

## Electronic and Electrical Engineering

## Experimental Techniques for Nanotechnology (ELEC0122)

## Description

The emphasis in this course is on practical work but it does also cover the use of computational and modelling tools. The laboratory course will give a hands-on introduction to imaging, nanomanipulation and fabrication techniques for nanotechnology. Students will have access to a range of state of the art instruments including scanning tunnelling microscopes, atomic force microscopes, confocal microscopes and well-equipped clean room. There will be opportunities to fabricate nanoscale devices and characterize them electrically, physically and optically

## Key information

<b>Year</b>	2019/20
<b>Credit value</b>	15 (150 study hours)
<b>Delivery</b>	PGT L7, Campus-based
<b>Reading List</b>	<a href="#">View on UCL website</a>
<b>Tutor</b>	<a href="#">Dr Hidekazu Kurebayashi</a>
<b>Term</b>	Terms 1 and 2
<b>Timetable</b>	<a href="#">View on UCL website</a>

## Assessment

■ Practical examination (departmentally managed): 100%

## Find out more

For more information about the department, programmes, relevant open days and to browse other modules, visit [ucl.ac.uk](http://ucl.ac.uk)