

# APPLICANT TASTER DAY SCHEDULE

## SATURDAY VISIT DAY

### 9.30am

#### Arrival

Arrive between 9.30am and 10.00am on the ground floor of our Millennium Point building, at the city centre campus.

### 10.00am

#### Welcome Talk – Start your journey to becoming an Engineer

Your student experience starts here. You'll learn more about our courses and how they'll help you to think as an engineer. Utilise your design and analytical skills in our fun, practical activity. You'll then start thinking about how you can look at your work as a real engineering professional, identifying and exploring the strengths as well as potential issues that may occur. This is a great way to start adopting a practical mind-set and you'll discover how interactive your course will be. This will enable you to think about constructing solutions that help solve real-life problems.

### 10.20am

#### Experience a Taster Session of Electronic Engineering

##### a) Meet the Robots (45 Minutes)

Robots are increasingly becoming more prevalent in our daily lives. Meet the exciting world of embedded robotics and explore the basic architecture of a teaching robotic platform. You'll get closer to robots and microcontrollers, learning concepts such as obstacle avoidance, navigation and line following.

##### b) a) Digital Signal Processing (45 minutes)

Electronics has an ever increasing number of applications, including medical, audio and automotive just to name a few. This session focuses on cleaning up a corrupted signal from an ECG machine.

You'll be introduced to well established digital signal processing techniques which will include an interactive demonstration using MATLAB (mathematical modelling software package).

Feel free to ask staff any questions that you may have about the activity, we're happy to help.

### 12.00pm

#### **Lunch and Networking**

Take advantage of this hour, not only to eat, but to chat to your fellow applicants – it's a great way to get to know them before you start in September. It's also a great opportunity to chat to our academics and student ambassadors and ask them any questions you may have.

### 1.00pm

#### **See where you'll be studying! Take a tour of your labs, machinery, lecture rooms and more...**

See first-hand our amazing, modern facilities which you can use to fulfil your engineering potential once you join us in September.

### 2.00pm

#### **It's all about you, so get your questions ready!**

Once you've taken your tour, we'll summarise the day with some final bits of information that we think you'll find useful. We'll also be happy to answer any questions you may have before you go, so make sure you prepare some for us!

### 2.15pm

#### **Want to take the accommodation tour?**

A quick student accommodation tour is available to those who wish to get a feel for what living away from home is like and would like to check out our halls.

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