

# APPLICANT TASTER DAY SCHEDULE

## WEDNESDAY VISIT DAY

### 1.00pm

#### Arrival

Arrive between 1.00pm and 1:30pm on the ground floor of our Millennium Point building, at the city centre campus.

### 1.30pm

#### 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.

### 1.50pm

#### Experience an Engineering Taster Session

##### a) Design and Analysis with CAD System (45 Minutes)

You'll have the chance to work with industrial based CAD software and design a standard Engineering component, like a nut and bolt system. You'll then test your component by conducting stress analysis on it and identify its weaknesses, as a real engineer would. You can then compare your results to standard analytical solutions and identify and discuss the differences.

##### b) Design and Manufacture with CAD System (45 Minutes)

Using the skills from Session a), you'll get to design a standard sheet metal component, such as a container. You'll then discuss the representation of this component being in either finished form and flattened state. Your CAD model will then be transferred to a machine tool, where the part will actually be manufactured! You'll compare the formed component to the original CAD model.

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

### 3.30pm

**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.

### 4.30pm

**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!

### 4.45pm

**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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