

# FIND THE RIGHT COURSE FOR YOU IN ENGINEERING

Our Aeronautical, Aircraft, Electronic and Mechanical Engineering courses are designed to meet the requirements of the Engineering Council's Accreditation of Higher Education Programmes (AHEP)



University of  
**Salford**  
MANCHESTER



## ACOUSTICAL AND AUDIO ENGINEERING

Are you fascinated by **sound**, and the **science** and **technology** that affects it?

**This course is all about** noise measurement and control, microphone/speaker design, psychoacoustics and mathematics

You can study **specialist modules** in speech and musical acoustics, room acoustics and virtual and augmented reality audio

Experience learning in our world-class acoustics labs, including our **anechoic chamber**

**Recognised by the UK Institute of Acoustics** with a route to Chartered Engineer status, you can **USE YOUR DEGREE** to become a noise consultant, an acoustics specialist, an audio technology designer and more...



## CIVIL ENGINEERING

Do you want to help **create** the infrastructure, buildings and facilities that **improve** our **quality of life**?

**This course focuses on** planning, designing and constructing key infrastructure

You will **explore** soil mechanics, highway design, seismic engineering, and water resources

Our Civil Engineering courses scored 95% for overall satisfaction in the National Student Survey 2020\*

Develop your **practical** and **collaborative** skills during a week-long residential at Constructionarium

Use your degree to **BECOME A** civil engineer, a structural engineer, a building control surveyor and more...



## AERONAUTICAL ENGINEERING

Are you excited by the **innovations** and **emerging technology** in aircraft and aerospace?

**This course looks at** methods used to research, design, develop, maintain, and test civil and military aircraft

You will **learn to** assess aircraft performance, solve engineering problems

Our Aeronautical Engineering courses scored 91% for learning resources in the National Student Survey 2020\*

Learn in our professional **mechanical, aerodynamic and control and dynamics** labs

**USE YOUR DEGREE** to become a flight engineer, a systems engineer, an aviation consultant, an aeronautics engineer and more...



## AIRCRAFT ENGINEERING WITH PILOT STUDIES

Are you fascinated by **flight**, and everything that goes into ensuring **safe air travel**?

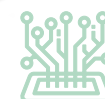
**This course explores** air travel, aircraft system design, navigation, avionics and aerodynamics

You will **build knowledge** in aircraft structures, route planning, flight safety and aviation meteorology

Enhance your specialist training with the option to gain a Private Pilot Licence

Experience **hands-on** learning during a **flight test course** using the Cranfield University's National Flying Laboratory Centre

Use your degree to **BECOME A** flight engineer, an aircraft engineer, a safety consultant, a systems engineer and more...



## ELECTRONIC ENGINEERING

Are you excited by **advancements** in electronics and want to help **shape the future** of consumer technology?

**This course is all about** design, manufacture and testing of electronic products and systems

You will **learn all aspects** of electronic engineering, from analogue electronics to mobile networking and WAN

Gain real-world context for your studies by adding an industry placement year

Develop your skills in our **professional engineering facilities** including an electronics lab, automotive lab and robotics lab, complete with industry-standard equipment

**USE YOUR DEGREE** to become an electrical engineer, a systems developer, a systems analyst and more...



## ELECTRICAL AND ELECTRONIC ENGINEERING

Do you want to help **advance technology** and explore the potential of alternative power?

**NEW COURSE FOR 2021**  
**This course looks at** machines and drives, electronic systems, green power, and hybrid and electric vehicles

You will **combine the study** of components and software of electronic systems, and the generation, distribution and use of electricity

Learn in our **advanced electronic labs** and facilities across both our Peel Park and MediaCityUK campuses

Use your degree to **BECOME AN** automation and robotics engineer, an electrical engineer, a systems developer and more...



## MECHANICAL ENGINEERING

Do you enjoy **solving problems**, and exploring the opportunities and developments in engineering?

**This course explores** engineering dynamics, manufacturing processes, electrical systems, structural mechanics and project management

You will study **specialist modules** in industrial management, control engineering and finite element analysis

Our Mechanical Engineering courses scored 90% for overall satisfaction in the National Student Survey 2020\*

Apply your **technical skills**, and build a race car ready to take to Silverstone as part of the Salford Racing society

**USE YOUR DEGREE** to become a mechanical engineer, an aerospace engineer, a mechanics designer, a systems controller and more...

/ LEARN MORE ABOUT OUR RANGE OF COURSES, AND FIND OUT WHAT IT'S LIKE TO **STUDY ENGINEERING AT SALFORD**

\*(University of Salford analysis of unpublished NSS 2020 data)