

**Cranfield University**  
At a Glance



# Creating leaders

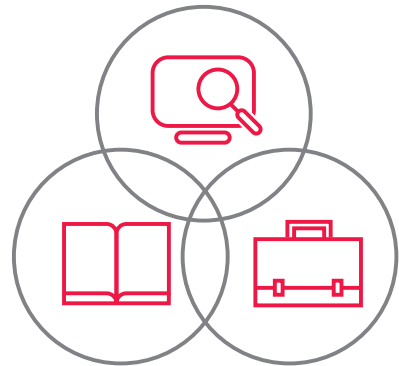
in technology and management

We **unlock the potential of people** and **organisations** by partnering with business and governments to deliver **transformational research**, **postgraduate education** and **professional development**.

We are a specialist postgraduate university located at the heart of the UK.

We provide:

Transformational  
research



Postgraduate  
education

Professional  
Development

Aerospace  
Defence and Security  
Energy and Power  
Environment and Agrifood  
Manufacturing  
Transport Systems  
Water

School of Management





# Postgraduate education

advancing career opportunities

**UK  
No.1**

Aerospace engineering,  
transport and automotive  
postgraduates

**Top  
10**

International Business School  
MBA in UK

**Top  
50**

**World ranking for:**  
Mechanical, Aeronautical and  
Manufacturing Engineering

## Cranfield is:

a five-time winner of the prestigious  
Queen's Anniversary Prize.



"Cranfield taught me how to identify new opportunities. It increased my confidence and ability to communicate my ideas, and exposed me to a new professional network. Cranfield has had a major impact on my career."

**Yewande Akinola**, Environmental Services Engineer at Arup Group Limited, MSc 2012. IET Young Woman Engineer of the Year 2012.



"My MBA enabled me to turn my leadership talents towards corporate management and entrepreneurship.

I developed fundamental skills that have been invaluable in allowing me to set up and grow my own business."

**Harry Clarke**, Founder of Cobalt Telephone Technologies, owner and operator of the UK's leading phone parking brand.

## Our learners:

**4,600+**

**Half:**



come from  
**outside the UK**  
representing  
110+ countries



study **part-time**  
while in  
employment



are over **30**  
years of age

## Our alumni:

A professional network of

**60,000+**



# Transformational research

meeting the needs of business, government and wider society

## REF2014

Research Excellence Framework

**81% of our research is world-leading or internationally excellent.**

**UK  
Top 10**

**For commercial research, consultancy and professional development**

We work with **1,500+** businesses and governments around the world.

### Driving efficiency in retail

Cranfield's toolkit has reduced product return rates for major retailers and manufacturers in the UK, improving efficiency and customer service, reducing costs and waste.

"The project had a major influence within Halfords, and led to a 40% reduction in returns – representing an annual reduction of £5.4 million per year."

**Chris Hall**, Head of Quality and Cost Reduction, Halfords.

## Unique facilities include:

**Aerospace Integration Research Centre:** A new £35m innovative aerospace research centre, co-funded by Airbus and Rolls-Royce.

**Facility for Airborne Atmospheric Measurements:** Our airport is home to the national facility providing atmospheric aircraft measurements for worldwide research.

**National Centre for Explosives Chemistry:** Used to develop and characterise explosives, propellants and pyrotechnics.

**National Wind Tunnel Facility:** Supported by EPSRC and the UK Aerodynamics Centre, placing us at the forefront of research into energy and cost savings for transportation companies.

**Secure site at the Defence Academy of the UK:** Carrying out classified work for government and industry and providing postgraduate education to the UK Ministry of Defence.

**Crash Impact Centre:** One of just three FIA (Federation Internationale de l'Automobile) approved test centres in the world; crash-testing Formula One cars.

### Improving the performance of Rolls-Royce aero-engines

Advanced thermal barrier coating systems have improved the efficiency of gas turbines, reducing specific fuel consumption, leading to significant cost savings. The technology is used in Rolls-Royce engines powering the Airbus A340 and the Boeing 787 Dreamliner.

"Technological developments such as improved coatings have impact on the entire industry and are proof of the value of our partnership with Cranfield."

**David Rickerby**, Fellow in Surface Technology, Rolls-Royce.



# Executive development

developing high-performing leaders across the world

**UK  
No.2**

Customised executive education (7 in Europe and 10 in the world)

**World  
No.1**

Global reach of overseas customised programmes

**Top  
10**

Business school in the world for customised executive development

**400+**

Technical professional education programmes

**Top  
20**

For executive education

**UK  
No.5**

For open executive programmes (18 in Europe and 34 in the world)

We partner with our clients to design and deliver programmes that meet their objectives:

- strengthening leadership,
- building commercial acumen,
- accelerating talent,
- embedding cultural change,
- developing functional capabilities,
- expanding networks.

Our Executive learners: **10,000+**

Global clients: **60+**



"This is a life-changing course. It is one of the best investments a company can make – the benefits to both the business and the individuals are immeasurable."

**Janette Jones**, Associate Partner, PriceWaterhouseCoopers. Increasing Personal Power Programme.



"Cranfield brings very strong faculty which has breadth and depth, international diversity, and which is rooted in business practice."

**Tony Russell**, Former Director, Senior Executive Development, L'Oréal.

# Cranfield University works with:



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ANNIVERSARY PRIZES  
FOR HIGHER AND FURTHER EDUCATION  
2015 & 2017