

Careers Service resources and information for **AERONAUTICAL ENGINEERING** students

Welcome!

Deciding what you would like to do after you graduate can sometimes seem like a daunting prospect. The Careers Service works closely with academic staff and employers to provide tailored resources to help you explore your options, find out more about the various career paths you could take and ultimately find the pathway that's right for you. We've created this resource pack to help you as a student in the Department of Aeronautical Engineering at Imperial to research specific job sectors related to your studies.

Starting points:

- **Options with Aerospace Engineering** www.prospects.ac.uk/careers-advice
The Prospects site includes information and advice covering: your skills; job options; career areas; further study; what next; case studies; contacts and job search sites.
- **Targetjobs – Engineering** <https://targetjobs.co.uk/career-sectors/engineering>
A starting point with sector insight and a timeline on applications for both internships and graduate positions.

What do graduates (like me) do?

When trying to decide what to do after university you might find it helpful to look at what graduates from your degree have done. Having a broad understanding of what you can do with a degree from Aeronautical Engineering at Imperial is a great starting point to gain inspiration and deeper insights into career paths. Some graduates will have moved into a career directly related to their studies while others may have taken alternative routes. You may discover that some graduates took time out while others pursued further study or training options at MSc, PhD or specialist vocational levels. You may also notice that some made a career change some time after graduating.

- **Graduate Outcomes Survey – What do Imperial graduates do?**
www.imperial.ac.uk/careers/destinations
The Graduate Outcomes (GO) survey (previously known as the Destination of Leavers from Higher Education (DLHE) survey) captures key information about employment and job roles etc. The GO survey asks our graduates what they were doing 15 months after completion of the studies at Imperial.
- **Imperial College LinkedIn – Alumni Search Tool**
<https://www.linkedin.com/school/imperial-college-london/people>
Exploring the profiles of graduates from your course can show the longer term career paths that they have taken. You can filter our alumni network by course of study, company, job profile and geographic location. This is a powerful tool to gain deep insights and explore the diversity of our alumni.

Professional skills:

A degree in Aeronautical Engineering opens up a wide range of career options and a world of exploration. Aeronautical Engineers in particular are:

- Literate and numerate, with a broad engineering knowledge base
- Critical and analytical thinkers
- Creative problem solvers, with good computational skills
- Excellent at combining theoretical and practical work
- Both team players and independent workers

Many employers value the skills acquired from your degree which is why the industry areas our graduates go on to work in is broad. It's a good idea to take a little time to think about what skills you have, how you would evidence these and what motivates you. The **Know Yourself** www.imperial.ac.uk/careers/exploring-your-options/career/know section of our website can help with this process if you're struggling to begin.

Throughout your degree you have access to a number of tailored presentations and workshops providing you with advice on career planning, CV writing and interview tips. Many of the presentation slides or lecture recordings are made available to you through Blackboard.

Professional associations and membership organisations:

Below are some links to organisations and learned societies that deal with various areas related to Aeronautical Engineering. Taking out student membership of a relevant professional body or working toward chartered professional accreditation, can significantly increase your career options and be a great boost to your CV. Student memberships can give access to job listings and careers information while offering great networking opportunities. Some memberships may even allow you to register your CV to vacancy matching services or to be viewed by other members of the community.

- **The Association of Consulting & Engineering** - www.acenet.co.uk
- **ADS** - www.adsgroup.org.uk
- **Careers in Aerospace** - www.careersinaerospace.com
- **Composites UK** – www.compositesuk.co.uk
- **The Design Council** - www.designcouncil.org.uk
- **The Engineering Council** - www.engc.org.uk
- **Institution of Engineering and Technology (IET)** - www.theiet.org
- **Royal Academy of Engineering** - www.raeng.org.uk
- **Royal Aeronautical Society (RAeS)** - www.aerosociety.com
- **Women's Engineering Society** - www.wes.org.uk

Finding and applying to job vacancies

Information and advice about how to find employment opportunities can be found on our **Finding Opportunities** www.imperial.ac.uk/careers/opportunities webpages, which discusses various strategies and resources. We also host our own jobs board within [JobsLive](#) where you can search a database of around 8,000 organisations and employers by their “business area”. You will likely also get various emails sent to you during your studies from Aeronautical Engineering with relevant opportunities for you or inviting you to talks or networking events. These events can be a great way to find out about individuals working in certain industries and an opportunity to understand the culture of various companies. We’ve created some resources to help with **Networking** www.imperial.ac.uk/careers/opportunities/networking and to improve your skills and confidence.

When you apply to a vacancy you may need help in constructing a CV, filling out an Application Form, drafting a Cover Letter or preparing for Interview. We offer support on all of these areas through **The Application Process** www.imperial.ac.uk/careers/applications section of our website, within various careers events www.imperial.ac.uk/careers/events, specifically our **Seminars & Workshops** and through a range of one-to-one **Bookable appointments**.

While much of our service provision is focused on the UK we’ve paid a subscription to give you access to the GoinGlobal resource through our **Working Abroad** www.imperial.ac.uk/careers/opportunities/abroad webpages. GoinGlobal provides you with international job listings and employer directories alongside country specific information and application support.

You can use other resources to find organisations in the sector you are interested in. For example Wikipedia provides a list of **UK Based automotive manufacturers** https://en.wikipedia.org/wiki/List_of_car_manufacturers_of_the_United_Kingdom

Specialist recruitment agencies and jobs boards

There are thousands of recruitment agencies operating in the UK and internationally. Essentially their role is to act as a bridge between a company who have a job vacancy and someone like you who’s looking for a job. Their basic function is to find the most suitable candidate for that job.

While an agency can bring many benefits to a job seeker it’s important to remember that the agent is working for their client (that’s the company with the job vacancy) and you are simply a resource they can profit from. While agencies can form part of your job search they shouldn’t be your only strategy as they’re in it for themselves. Additionally, you should remember that the agent is paid by the client so if you’re asked to pay a fee we’d encourage you to stop and think if it’s necessary and what you gain in return!

Here are a few agencies we know work in areas related to Aeronautical Engineering:

- **Aviation Jobsearch** - www.aviationjobsearch.com
- **Engineering & Technology Jobs** - <https://engineering-jobs.theiet.org>
- **Engineer Jobs** – Engineering job board. www.engineerjobs.co.uk
- **The Engineer - Jobs** – Job section of The Engineer publication <https://jobs.theengineer.co.uk>
- **Gradcracker** - a leading website focused on STEM jobs, placements and internships for STEM students. www.gradcracker.com
- **GreenJobs Online** - cover environmental and renewable energy jobs across all industry sectors. www.greenjobsonline.co.uk
- **Hays Specialist Recruitment** - a leading global recruitment agency placing over 63,000 people into permanent roles last year. www.hays.co.uk/energy
- **Jobs.ac.uk** - a jobs board for research, science, academic, teaching and management jobs and studentships in the public and private sector. www.jobs.ac.uk
- **JustEngineers – Engineering job board** www.justengineers.net
- **Matchtech** - provide clients with complete recruitment solutions across Engineering, Technology, Professional and Skills & Employability sectors. www.matchtech.com
- **Royal Aeronautical Society Jobs Board** - The RAS's job resource. www.aerosociety.careerwebsite.com
- **SpaceCareers.uk** - A resource that is valuable to both students and companies, and that will help the UK's space sector continue to grow. www.spacecareers.uk
- **SRG** - an award-winning resourcing company dedicated to the science, clinical and engineering sectors. www.srg.co.uk

To find further agencies operating in the area you may want to explore **The Recruitment & Employment Confederation (UK) Membership Directory** <https://www.rec.uk.com> or speak to people within the industry to see where jobs adverts are placed.

Other links of potential interest

- **The Civil Aviation Authority (CAA)** - The UK's specialist regulator. www.caa.co.uk
- **European Space Agency** - The ESA is Europe's gateway to space. Its mission is to shape the development of Europe's space capability and ensure that investment in space continues to deliver benefits to the citizens of Europe and the world. <http://m.esa.int/ESA>
- **UKSEDS** – UK Students for the Exploration and Development of Space (UKSEDS) is the UK's national student space society. <https://ukseds.org>