



**ROYAL
AERONAUTICAL
SOCIETY**



Online Resources - pack 2

- **Entry Routes - including Apprenticeships & University**
- **Careers Service**
- **More help from RAeS**

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Welcome

The Royal Aeronautical Society Careers & Skills Team have produced this resource pack to inform and support those with an early interest in aerospace and aviation and those who are looking for a career move into one of the most exciting and innovative sectors. As the industry looks forward into the next 50 years, revolutionary projects will unlock the air as a route to deliver a broad range of new, sustainable services. All the content can be accessed via the links in each section.

If you have any questions please contact: careers@aerosociety.com



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**Many diverse
careers
available!**

Entry Routes

The two main routes into the industry are either through an **Apprenticeship** or **University** degree. Many people begin their careers in designing, developing and testing aerospace products by studying a degree in aeronautical engineering or related fields such as avionics, space, mechanical, systems or materials engineering. However many apprenticeship routes are now available and this is also a popular routes for aircraft maintenance engineering

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In aerospace, apprenticeships are offered either by aircraft component manufacturers, such as BAE Systems, Airbus, Rolls-Royce, Safran Group, Collins Aerospace or by aircraft maintenance providers. There are over 30 highly respected aerospace/aeronautical engineering degrees in the UK, many of which have been accredited by the Royal Aeronautical Society. Following university, many graduates will go on to join graduate schemes of large aerospace manufacturers and equipment providers, or OEMs (Original Equipment Manufacturers), as well as with engineering consultancies such as Atkins and Fraser Nash

For more information visit our [careers in aerospace website](http://careersinaerospace.com).

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Apprenticeships

Aerospace offers something for everyone. There are so many diverse careers available, that it may be reassuring to know that there are options for you whether you are academic or more hands-on.

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Why choose an apprenticeship?

Taking a vocational route i.e. an apprenticeship, suits those who do not wish to pursue an academic career pathway and are either a more hands-on role or looking to achieve your qualifications in a workplace environment. You can work while you learn, and earn while you learn! You can opt to obtain advanced-level qualifications, with many trainees going on to completing degrees as they progress through their career and an increasing number of Level 6 and Level 7 (degree/postgraduate) apprenticeships are now available following the introduction of new Apprenticeship Standards. What's more, apprentices often have their tuition fees paid for by their employer, and with the costs of university study ever increasing, apprenticeships look like an even more appealing option, if you don't want the student loan debt.

Taking a vocational route to gaining qualifications can hold exciting prospects, apprentices with ambition to enter senior roles within the firm usually find there are few barriers if they have the right skills. In fact many company directors in our sector started life on the shop floor.

Visit our [website](https://careersinaerospace.com) for more information and to [read the stories](https://careersinaerospace.com) of current apprentices' working in the industry.

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Which degree?

University

With a strong tradition in aerospace engineering, over 33 universities in the UK offer aerospace engineering-related degrees alone, with international reputations for excellence in research and teaching, and using the latest technologies such as their own flight simulators!

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With a variety of complex career paths, from aerospace engineering to space mission analysis to airline management, there are many specialist degrees at UK universities which can help you develop the skills and knowledge for a career in aerospace. There is also a growing number of hands-on engineering degrees such as aircraft maintenance and courses looking into the business and operations side of the sector, such as aviation management or air transport studies.

University Entry

Maths and Physics A levels/Scottish Highers, or equivalent, are usually a must for entry on to aerospace engineering courses. Grade requirements can be high, but vary between universities. You will also need a third subject and this could be another Science, or something complementary; Languages, for example, are very useful as so many aerospace companies have sites world-wide!

For more information on University study, including the list our RAeS accredited degree programmes [visit our website](http://careersinaerospace.com).

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Helping your career take off!

Careers Service

The RAeS offers free impartial specialist advice on:

- CVs
- Entry Routes including (Apprenticeships & Graduate opportunities)
- Interviews
- Online Applications
- Current industry trends and related innovations
- Skills Development
- Networking
- Mentoring & more

Contact us to arrange your 1-2-1 appointment

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For more help, the Royal Aeronautical Society Careers Department is your one-stop shop for impartial advice, help and materials on careers in aerospace and aviation – including all types of career pathways, both civil and military, from engineering design and maintenance through to commercial pilots and cabin crew, to business and operations. We can also help experienced professionals seeking further career development within the aerospace industry or need support following redundancy or leaving the armed services.

Our careers service is FREE and open to both members and non-members as part of our charitable activities, and that we understand that many people in the industry have been directly affected by the Covid-19 outbreak and we are here to help.

We are also able to offer free group webinars for University and College students to discuss their options, for more information contact: careers@aerosociety.com

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HAVE A GO...
AT LANDING A PLANE

INTERESTED? ARE YOU:
GOOD WITH NUMBERS?
ABLE TO WORK THROUGH A PROJECT?
GOOD AT PROBLEM SOLVING?
GREAT WITH IT?



More help from us!

- Careers in Aerospace & Aviation LIVE 2020
- Volunteering
- Young Persons Network
- Webinars
- Lectures, Conferences & much more

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Get involved!

As well as the main Careers and Employability support, we want you to get involved with us as much as you would like. Our annual recruitment fair is planned for Friday 6 November 2020 to take place once again at our beautiful headquarters building (subject to Covid-19 situation). We also have a number of volunteering opportunities each year, whether that is supporting school outreach events, our presence at air shows or larger skills based shows, such as World Skills live UK at the NEC.

To inform and inspire the next generation:

If you are a full time student in education, or an apprentice on a recognised apprenticeship scheme, you can join our free Student or Apprentice Affiliate membership and gain access to everything the RAeS has to offer.

Contact: careers@aerosociety.com if you are interested in becoming more involved with us.

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Royal Aeronautical Society Careers & Skills Team **Online Careers & Employability Resources**

Contact us: careers@aerosociety.com | 020 7670 4326

Thank you to ADS Group and AAR Corp for supporting us through this difficult time.



RAeS Careers Service

We are open throughout the Covid-19 crisis from Monday to Friday and can offer online appointments and workshops. All our careers support is free of charge and open to all those needing aerospace and aviation dedicated support. From engineering and maintenance through to airline pilots and cabin crew, to business and operations. We can also help experienced professionals seeking further career development within the aerospace industry.

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