

ENGINEERING FUNDAMENTALS

Frequently Asked Questions

Is the course free/ will I be charged for taking this course?

The course is funded by the Scottish Funding Council (SFC) which enables us to offer it to learners who are domiciled in Scotland free of charge. If you are not domiciled in Scotland please contact eng-upskilling@strath.ac.uk to discuss how you might still avail of the course and what options are available to you.

How long is the course? When do I need to start and complete by?

The course is offered flexibly. It is designed to be a 10 credit module which theoretically equates to 100 hours of work. You can start and complete at any time and learn in your own pace and in your own time. The course will run from 5th November 2020 to 12th March 2021.

What is the course structure and content and how will I be assessed?

The course will be taught exclusively online through a blend of online lectures and tutorials and there will be online quizzes to complete. You can take the quizzes any number of times so long as you have completed and passed all the quizzes by the 12 March 2021.

There will be 4 main sections covering generic engineering skills relevant across a broad range of engineering disciplines:

Industry and the Engineer

- 1) **Industry and The Engineer** – industry, productivity, project planning, process optimisation and supply chains
- 2) **Engineering Mechanics** – acceleration, velocity, kinematics, structured problem solving and free body diagrams
- 3) **Fundamentals of Electronic and Electrical Engineering** – charge, current, energy & power, Kirchoff's Laws, DC circuits, digital analysis
- 4) **Introduction to Engineering Materials** – properties of engineering materials, selection of materials, sustainability and environmental impact of material

- You will have the opportunity to ask questions and get feedback through interactive online forums and online tutor support.
- It should be possible to complete the course in about 100 hours but you can study at your own pace and in your own time.
- No attendance at the University is required.
- Throughout the course you will be asked to complete a number of short online quizzes attached to each topic. When you have completed and passed all of the quizzes you will be awarded 10 university credits and receive a formal University of Strathclyde certificate. You can have multiple attempts at the quizzes so don't worry if you don't pass first time.
- You can refer to these 10 credits in a UCAS application

How do I apply?

Our online application system is now open for you to apply [here](http://pegasus.strath.ac.uk/forward/pgprofile/control/addPpio?ppioCode=257233&admCode=UPSKLE)
<http://pegasus.strath.ac.uk/forward/pgprofile/control/addPpio?ppioCode=257233&admCode=UPSKLE>

*If you have any issues accessing the link it may be because the web browser you are using is not supported by the University's systems, we suggest you try to open the link using Google Chrome or Internet Explorer. But if you have persistent issues or need some help please contact: eng-upskilling@strath.ac.uk

The application form asks for references do I need to have these?

The application system reflects the standard application system that we run for Undergraduate and postgraduate programmes and this asks for references. You do **not** however need to submit any references and your application will still be processed.

I don't know if I have submitted my application correctly what should I do?

We appreciate some people may encounter issues submitting their application or are unsure if it has been submitted correctly, if so please contact eng-upskilling@strath.ac.uk

The form will ask you for your email address as you proceed through the various stages please provide this so we can contact you if we become aware of any issues with your application and so that we can make contact to help you submit.

I have submitted my application, now what?

You will receive emails about your application status. If you follow the instructions in the emails we anticipate that the process from applying to registration is approximately 10 days however if you aren't receiving emails or haven't heard from us please contact eng-enquiries@strath.ac.uk and we can help track your application and offer you some advice. Once your registration is complete you will be registered as a Strathclyde student and you will then have access to our online learning platform called Myplace. On Myplace you will be given instructions on how to access the relevant materials.

I have completed my Nat 5's but don't have my results yet, am I still eligible to apply?

Yes, we are accepting anyone who has taken their Nat 5 exam in either Maths and/or Physics even if they haven't received their results yet. If you have any questions about whether you would be accepted on the course please contact eng-upskilling@strath.ac.uk

Still have a question?

Please feel free to contact us at eng-upskilling@strath.ac.uk