



Get  
STARTED



ENGINEERING

# Hello,



Hello from the Redcar & Cleveland College Student Recruitment Team. As we get closer to the new academic year and with enrolment just around the corner, we want you to know that you are fully supported in every way. **The last year has been really strange but we wanted to let you know that no matter what happens with your GCSE results, your place at Redcar and Cleveland College is secure.**



We have been working closely with our course tutors to develop our '**Get Started**' programme to help you get started in your chosen course and ensure a smooth transition into college life. Over the next couple of months we will be sending you lots of information and top tips. If you have any questions about the course tasks in this booklet please do not hesitate to contact the course leader who will be able to help.

Don't forget to follow us on Instagram ([@redcarcollege](https://www.instagram.com/redcarcollege)) for regular updates, competitions and campus news. You can also check out the Student Recruitment Team's Q&A takeover every Tuesday, where we answer your burning questions and give advice about all aspects of college life! We hope you are looking forward to starting your journey with us, but if you do have any questions or worries please do not hesitate to get in touch with us through our social media channels, by telephone: 01642 777234 or by email: [info@cleveland.ac.uk](mailto:info@cleveland.ac.uk).



# Welcome,

Hello and welcome to the Engineering department at Redcar & Cleveland College. We hope you are staying safe and well. It is not long to go until you enrol with us in August 2021. These are really excited times in the Engineering department with lots of new equipment and brand new facilities for you to learn your skills.

Over the next few months we are going to be sending you some information and tasks to complete over the summer to help you get started on your course. If you require any help or support with the tasks please do not hesitate to get in contact with me.



**Mike Reid**  
Engineering Course Leader  
[michael.reid@cleveland.ac.uk](mailto:michael.reid@cleveland.ac.uk)



# TASK 1: RESEARCH DIFFERENT ENGINEERING CAREERS

For this task we would like you to research different careers within the Engineering industry. We would like you to use the National Careers Service website to learn more about careers.

On the next page we have provided you with a worksheet to add your answers next to the five careers we would like you to research - chemical engineer, electrical engineer, mechanical engineer, instrumentation and control engineer and process operator.

1. Visit the National Careers Service website by going to:  
<https://nationalcareers.service.gov.uk/explore-careers>
2. Enter one of the five careers we would like you to research into the box on the website.
3. Make some notes about the different careers in the worksheet on the next page, how much you could earn, what skills you might need and what day-to-day tasks you will be doing in these careers.
4. Once you have completed this task, save the document and email it to your designated Student Recruitment Officer, Kayleigh Manders - [kayleigh.manders@the-etc.ac.uk](mailto:kayleigh.manders@the-etc.ac.uk). Don't forget to include your name and the course that you have applied for.

Deadline for submissions is: **Friday 9th July 2021**.



CHEMICAL ENGINEER	
ELECTRICAL ENGINEER	
MECHANICAL ENGINEER	
INSTRUMENTATION & CONTROL ENGINEER	
PROCESS OPERATOR	

↑ Type your answers in these boxes.





## TASK 2: ENGINEER YOUR OWN ROLLERCOASTER

For this task we would like you to make your own rollercoaster by using items you have within your house for a marble.

If you do not have a marble available you can use other ball shape items such as a golf ball, ping pong ball, malteser etc.

You can use any items you find around your house such as wood, cardboard, product packaging, paper to make your rollercoaster.

Once you have built your rollercoaster, you can record a video of your masterpiece and email it to your designated Student Recruitment Officer, Kayleigh Manders - [kayleigh.manders@the-etc.ac.uk](mailto:kayleigh.manders@the-etc.ac.uk). Don't forget to include your name and the course that you have applied for in your email.

We will be awarding prizes for the most sophisticated rollercoaster and the longest rollercoaster.

Deadline for submissions is: **Friday 9th July 2021**.



Watch this video for some tips on how to make your own rollercoaster.

Click [here](#) to watch.



# Let's keep in touch...

To keep up to date with all of our latest news and information, follow us on our social media accounts. Our team is on hand to answer any questions you may have about College.



[@redcarcollege](https://www.instagram.com/redcarcollege)



[@redcarcollege](https://www.facebook.com/redcarcollege)



[@redcarcollege](https://www.twitter.com/redcarcollege)

*Save the date!* Your Welcome Day is on Friday 9th July 2021. We will be sending you more information about the day in the coming weeks.