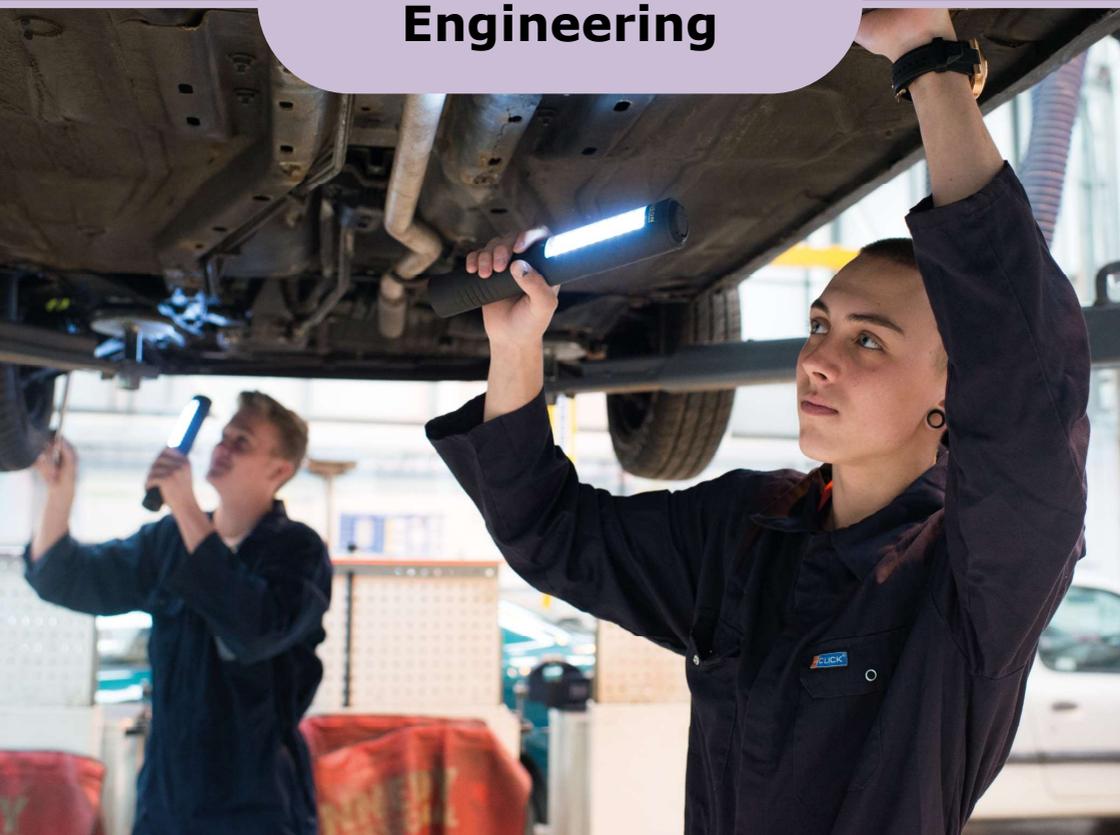


Additional  
Learning  
Support

## Careers in Engineering





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# Welcome to Barnsley College

**HAPPY  
STUDENTS**

Our students are the  
happiest in Yorkshire.®

Department for Education  
Leavers' Satisfaction  
Survey 2017



STEM Centre

## Welcome to the Additional Learning Support Guide for Engineering.

Moving to college is an exciting but worrying time for everyone. We hope our guide will help ease any worries and give you the assurance before you start your course in Engineering and that you enjoy yourself whilst at Barnsley College.



Zest Café at the STEM Centre



STEM Centre seating area

At Barnsley College, we care about you. We want to give you the knowledge, skills and experience that will help you to progress to the next stage in your career, whether that's university, an apprenticeship or employment. We pride ourselves on transforming lives.

Engineering offers excellent facilities including electrical and vehicle workshops so they can provide you with the best foundations upon which to build your future.

# Getting to Engineering



STEM Centre Reception

The STEM centre is our specialist site for Engineering and Automotive Technologies. The STEM Centre is a short walk up from Barnsley Interchange. You will be greeted by reception who will be able to help with any enquiries. The STEM Centre is a short walk from Old Mill Lane, a drop off point for the College's free bus services.

For details of pick-up points and times visit [www.barnsley.ac.uk/travel](https://www.barnsley.ac.uk/travel).

The Engineering Department is located on the first floor of the STEM Centre. You will need to scan your student ID badge to get access through the barriers. Your student ID badge will be given to you during enrolment. While in college you **must** wear your student ID badge at all times.

There are signs to help you find your way and lifts to each floor.



STEM Centre entrance

# Protective Equipment



When working in the practical areas in Engineering you will be expected to wear your own protective equipment. This includes:

- Blue all in one overalls
- Steel toe-capped boots
- Safety glasses
- Gloves or barrier cream

The protective equipment you need will depend on the course you are studying. A full list of protective equipment will be given to you during your interview. You will be able to order your equipment during enrolment.

## Expectations

The Engineering Department has high expectations of all of its learners. For every practical session they will expect you to:

- Wear your student ID badge at all times
- Tie long hair back
- Remove all jewellery
- Wear protective equipment for all your practical sessions
- Work within the Health and Safety expectations at all times

If your household income is less than £35,000, the Learning Support Fund could help. You can pick up an application form from Student Services

# Different Learning Environments Engineering

## Electrical Workshop



### Student Profile

#### Brandon Rasburn

Level 2 Vehicle  
Maintenance

**“My confidence has improved a lot since I started college because you meet/talk to new people. The tutors treat you with respect and make you feel like you should be there.”**



# Machining Workshop



## Student Profile

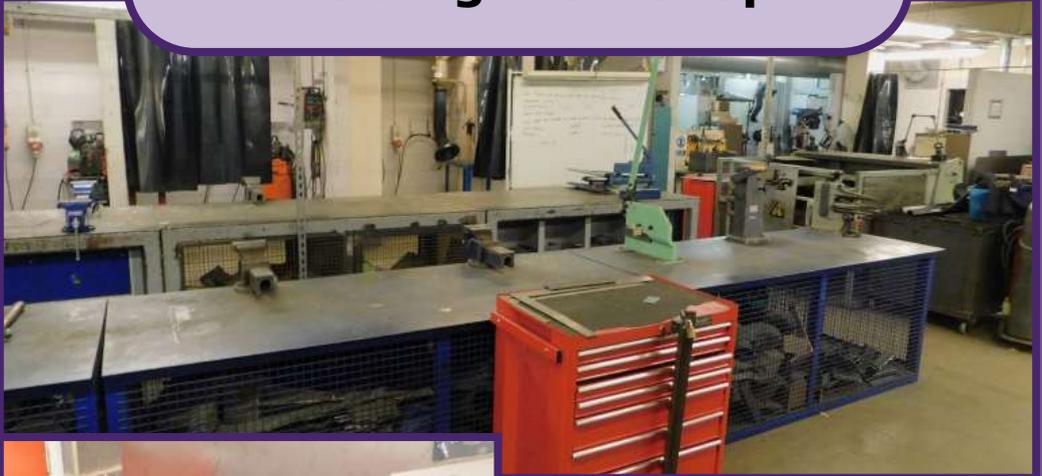


**Joshua Low**

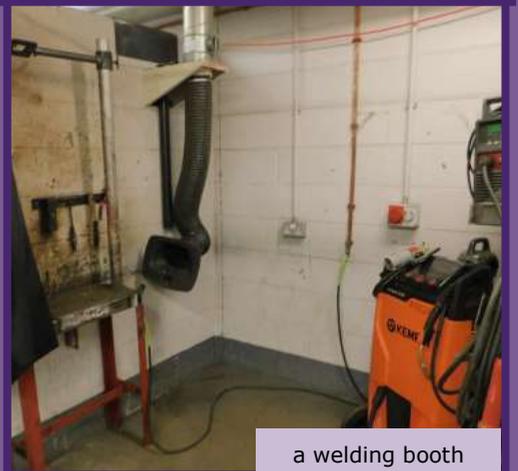
Level 1 Engineering

**“I would recommend the course to anyone wanting to be an engineer. All the staff are friendly and help you to achieve what you want to do. ALS support has made it less stressful and easier for me to keep organised and on task. They help motivate me!”**

# Welding Workshop



Welding equipment



a welding booth

When in the welding workshop you will need to wear the welding protective equipment provided. This will include:

- Welding mask
- Welding gloves
- Welding jacket

Along with your usual protective equipment; blue overalls and boots.

# Classroom



There are classrooms in both the Automotive Technologies building and the STEM Centre. Your theory lessons will be in a classroom in either the Automotive Technologies Building if you are studying a Motor Vehicles course or the STEM Centre if you are studying an Engineering course.

All the classrooms are easily accessible with signs helping you find your way and lifts in each building making it accessible for all.

# Computer Room



# Automotive



Automotive Technology building

You need to wear all your safety equipment before going into the garage. This includes: all in one overalls, steel toe capped boots and barrier hand cream.

You must sign and agree to all the Health and Safety requirements by signing the PP register before going into the workshop.

The tutor will brief you on what you will be doing in the practical session including safety requirements, help with producing a risk assessment for jobs and demonstrating tasks.

You will then work through the tasks individually or as a group with the supervision of the tutor.

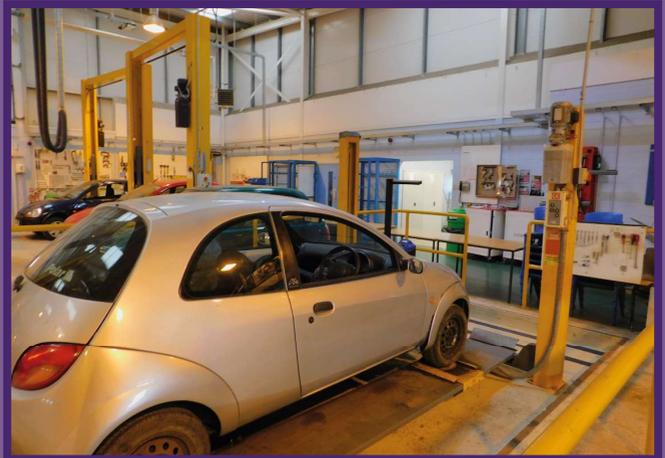
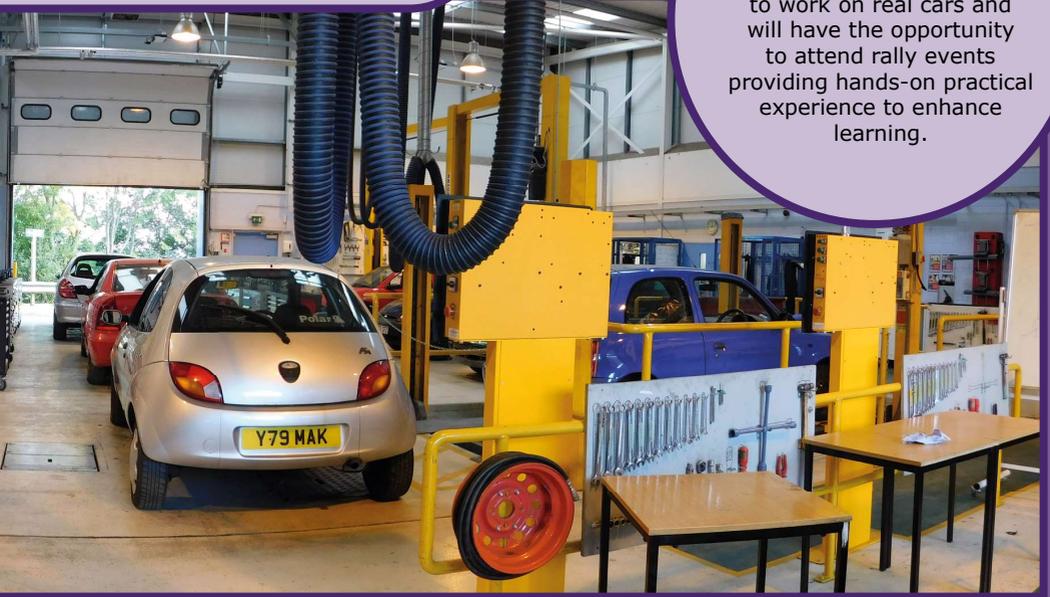


The Automotive work involves a range of tasks including hydraulic work on real cars. The Department so you will be expected to

# Technologies

## Did You Know?

Automotive Technology students get the chance to work on real cars and will have the opportunity to attend rally events providing hands-on practical experience to enhance learning.



Workshop is fully equipped with professional standard tools and equipment including hydraulic lifts, tyre machines and a range of tools. While in the garage you will have access to all the tools and equipment you need. All the tools and equipment you need will be provided by the Engineering Department. You will not need to have your own equipment. After each practical session you will be required to clean the Motor Vehicle workshop.

## Theory Lessons



You will have 3-4 theory lessons each week with another 3-4 lessons in the workshops. Your theory lessons will develop your understanding, relevant to your course, so this may include MOT testing, British Standards and/or Computer Aided Design. Theory lessons will involve a lot of Maths and Science and you will be expected to use these skills in practical sessions as well.

Assessments will vary between lessons. You could be assessed through assignments, exams and practical assessments.

## Do I need to do English and Maths?

If you have a grade C/4 or above in GCSE English and Maths. You will not have to do them at college.

If you have a GCSE in English or/ and Maths below a grade D/3 you will need to attend two GCSE Maths and/ or two GCSE English lessons each week. These will be on your timetable. If you are working below this level you can do functional skills instead.

If you have an EHCP it may be possible to exempt you from English and Maths. You can speak to your tutor or ALS about this.





## Engineering



**"I enjoy everything about my course and I really like the relaxed environment at college. Eventually, I would like to work as a Civil Engineer and this course is the starting point to help me reach my career goal."**

**Victoria Simpson**

**Level 3 Extended Diploma in Engineering**

Former Darton College Pupil

# Before you start college

## Application



You can apply for your course at [www.barnsley.ac.uk/engineering](http://www.barnsley.ac.uk/engineering) or by using the application form at the back of the course guide. Your school may help you fill your application form in.

## Assessment



The ALS team will invite you for an initial assessment to discuss your support needs before you start college. This is before your course interview if you have an EHCP.

## Interview



After you apply for your course in Engineering, you will be invited into college for an interview with one of our tutors.

At your interview you will find out more about the course and advised about the protective equipment you need before starting the course. You will need to complete a written test for Engineering checking your English and Maths.

After the interview, you will either be offered a place on the Engineering course or referred to a more appropriate course.

The Engineering Department will invite you in for an afternoon taster session so that you can get an idea of what you will be doing when you start in September.

## Enrolment

An invitation and enrolment pack will be sent out to you at the beginning of August 2018 giving you all the information you will need to enrol onto your study programme at the end of August 2018.

When you come to enrol you will have your photo taken for your student ID badge, order your equipment and will be told when your first day at college will be.

For more information contact our Admissions team on **+44(0)1226 216 106** or [✉ interviews@barnsley.ac.uk](mailto:interviews@barnsley.ac.uk).

# Support

If you have an EHCP, Additional Learning Support (ALS) will put support in place to help you during your lessons. Both support workers and your tutors will know your support needs and will help you achieve. Our support will depend on your needs and will be discussed during your initial assessment. If you do not have an EHCP, your support will be provided by the Engineering team.



## How do I get Support?

1. When you fill in the application form or you apply online at [www.barnsley.ac.uk/engineering](http://www.barnsley.ac.uk/engineering). You will be asked if you have a learning disability/difficulties. If you have your information will be sent to ALS.
2. When you declare a learning need ALS will contact you to organise an initial assessment.
3. The initial assessment is where you meet one of the ALS coordinators, who will discuss your learning needs and how best to support you while in college. A support plan highlighting the support that will be provided to you, will be produced.
4. This will be passed onto the Engineering Department. We will also send you a copy home.

# What to expect during your First Week

**HAPPY  
STUDENTS**

Our students are the  
happiest in Yorkshire.\*  
\*Department for Education  
Leaver Satisfaction  
Survey 2017

In Engineering, your first two weeks will be induction. You will be expected to attend all the sessions. During induction:

- You will be shown around college allowing you to become familiar with the college and shown the different services that are available
- Engineering will share what they expect of you during the course and any upcoming educational visits
- You will have lessons where you will meet your group allowing you to make new friendships and meet your tutors
- You will be given your timetable
- You will be introduced to key people such as the Safeguarding Representative and the Tutorial Learning Mentor (TLM)
- You will be introduced to the Health and Safety Standards for working in the workshops. Your tutor will work through this with you
- You will receive your personal protective equipment

Induction will be classroom based.



During induction Support workers will be in the sessions to provide support. Support will settle down once timetables have been finalised.

## Do you have an EHCP?

Each academic year you will have an annual review of your EHCP which takes place at college. There will be yourself and family members/ advocate, TIAG, staff from the college and other professionals at the meeting. The purpose of the meeting is to discuss the progress you are making at College, your mid and long term plans, what is working well, what you might require support with and your aspirations for the future. We will also review your EHCP to see if anything needs updating. The meeting can take anything from 1-2 hours.



## Are you a Looked After Child?

You will have a meeting three times a year at College, which is called a Personal Education Plan meeting (PEP). There will be yourself and carers/ advocate, TIAG, staff from the College and other professionals at the meeting. The purpose of the meeting is to discuss the progress you are making at College, your mid and long term plans, what is working well, what you might require support with and your aspirations for the future. The meeting lasts approximately one hour.

Every looked after child on College roll is entitled to claim the guaranteed bursary which is a payment of £1200 pro rata across the academic year. The purpose of the guaranteed bursary is to facilitate access to education and provide financial support towards such things as travel, food, equipment and kit.

**Application for the guaranteed bursary is made through completion and submission of an internal application form into Student Services.**



# Safeguarding

Safeguarding is about doing everything we can to make sure you and everyone in college are kept safe and protected from harm.

At Barnsley College we pride ourselves on going above and beyond to make college a safe, happy and thriving environment for all. It is important to us that anyone coming into college is treated with respect and dignity and that they feel safe and listened to.

## Reporting a safeguarding concern.

If you feel unsafe, you can contact our team on ☎ **+44(0)1226 216 142** or ✉ **safeguarding@barnsley.ac.uk**.

Or you can talk to the Engineering's Safeguarding Representative if you are concerned about your welfare or someone else's. They will be introduced during induction.



# Tutorials

At Barnsley College all learners will have a detailed tutorial programme looking into a range of themes such as bullying, healthy relationships, mental health, radicalisation and cyber safety.

You will also have one to one meetings with the Tutorial Learning Mentor throughout the year to review your progress.

# Learning Curve

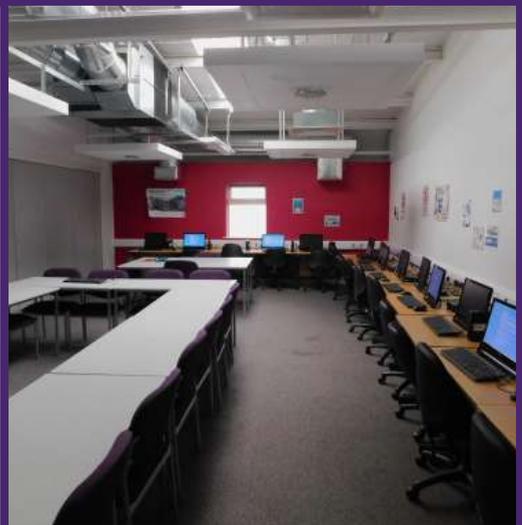


On the first floor of the STEM Centre there is a large independent study area. The Learning Curve provides learners with an area to work independently with access to IT facilities and subject specific books for Engineering. There is also printing facilities for you to use. You can also access and use the Learning Curve at Old Mill Lane.

# IT Suite

The Learning Curve offers IT facilities you can use to work on assignments or inbetween lessons. These IT facilities are sometimes used for lessons.

There are also laptops that can be used to complete assignments. Laptops can be loaned out at £10 per month. You will be given your own log on to access the computers. There are printing facilities close by for you to print your work.



## Social Areas



Seating area at the STEM Centre



Learning Curve at STEM Centre

## Places to Eat



Zest Café at STEM Centre



# Old Mill Lane



Old Mill Lane

The Old Mill Lane site is a short walk up from Barnsley Interchange and across from the STEM Centre. As you come in from the Urban Garden entrance you will be greeted by a quiet entrance with reception on the first floor.

From September, all students will use the Urban Park entrance on the lower ground floor. This is easily accessible and is a short walk from the Church Street entrance.

Old Mill Lane has all the college services offered to all learners. To access Old Mill Lane site you will need to scan your student ID badge to get through the barriers. When in college you **must** wear your student ID badge at all times.

The college services are found on the ground floor with the food outlets mainly on the lower ground floor.



Old Mill Lane Reception



Old Mill Lane entrance



Urban Park entrance

# College Services



On the ground floor of the Old Mill Lane site we have a number of services which you can use. These include:

- Student Services
- Information Unit
- Health and Wellbeing Centre

## Health & Wellbeing Centre



Our award-winning Health and Wellbeing Centre is available to everyone and offers confidential advice and a range of health services. We have a dedicated team of people including NHS nurses who will provide advice on counselling, Mental Health Access Team, diet and nutrition advice, contraception and sexual health services, smoking, drugs and alcohol support.

They also hold events across college throughout the year to raise awareness of health issues and update you about the services they offer.

You can speak to someone in confidence by contacting the **Health and Wellbeing team** on **+44(0)1226 216 233**.

## College Services

## Information Unit



Please contact our friendly information team for more information on the Engineering courses or any other course you are interested in.  
☎ **+44(0)1226 216 123.**

## Student Union



You will find the Student Union in the atrium on the lower ground floor at the Old Mill Lane campus. The Union runs lots of activities, societies and a volunteering scheme.



# Student Services



Student Services is on the ground floor of the Old Mill Lane site. They will be able to help you with financial support through the Learning Support Fund, information on the free college bus services and the concessionary travel pass.

## Did you know?

**You don't have to carry cash on you.**

You can load money onto your student ID badge and pay for food, drink and other items available at college through our Way2Pay cashless system. For more information visit:

**[www.barnsley.ac.uk/way2pay](http://www.barnsley.ac.uk/way2pay)**

## Learning Support Fund

If your house income is less than £35,000\*, you could be eligible for financial support from the Learning Support Fund.

**You can pick up an application form from Student Services**

**Contact the Student Services Team:**

**] +44(0)1226 216 267/ +44(0)1226 216 114 or**

**✉ [studentsupport@barnsley.ac.uk](mailto:studentsupport@barnsley.ac.uk)**

**We hope you enjoy your  
experience at Barnsley College**

**We are the top  
college in Yorkshire  
for overall  
student satisfaction!**



**Additional  
Learning  
Support**

**Postal Address**

Church Street  
Barnsley  
South Yorkshire  
S70 2YW  
(Sat nav S70 2AX)

☎ +44(0)1226 216 769

✉ [als@barnsley.ac.uk](mailto:als@barnsley.ac.uk)

🌐 [www.barnsley.ac.uk](http://www.barnsley.ac.uk)



Every care has been taken to ensure the information within this guide is accurate at the time of print, however we cannot be held responsible for changes that occur. Any changes will be updated at 🌐 [www.barnsley.ac.uk](http://www.barnsley.ac.uk). This photobook is available in alternative formats including audio, braille and large print on request.