



# Construction Technology

Prospectus | Career Guide



**We're here to help you  
get to where you want to be.  
We'll inspire you, increase your  
opportunities and raise  
your ambitions so you're ready  
to take the next step.  
Start here, go anywhere**

**together**

**we are Ayrshire College**



# Accessibility

Ayrshire College is fully committed to challenging discrimination, advancing equality of opportunity, promoting inclusion and celebrating the diversity of all of its students, staff, visitors and partners.

To request a copy of this information in another format please contact us:

Tel. 0300 303 0303

Email. [marketing@ayrshire.ac.uk](mailto:marketing@ayrshire.ac.uk)



[www.ayrshire.ac.uk](http://www.ayrshire.ac.uk)

Ayrshire College is a registered Scottish charity. Reg No SC021177

## #weareAyrshireCollege



# Why choose College?

Help with first steps towards your career

Change your career

Access further study at University

Start an apprenticeship

Help to start your own business

Study locally

Excellent facilities

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“ Sometimes the smallest step in the right direction ends up being the biggest step of your life. ”

# Build your future at Ayrshire College.

Our campuses offer modern facilities with exciting learning spaces, to help you learn in a way that suits you. There are social spaces on each campus, including refectories and coffee shops, where you can relax and catch up with friends.



**Modern Learning  
Resource Centres**

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**Coffee Shops  
and Refectories**

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**Training  
Restaurants**

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**Training Hair and  
Beauty Salons**

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**Motor Vehicle  
Garage**

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**Gym and  
Multi-Sport Pitches**

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**Horticulture  
Centre**

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**Aeronautical and  
Engineering Centre**

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**Science Labs**

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**Construction and  
Trades Centre**

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**Training Hospital  
Ward**

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**Training Nursery**

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**Recording  
Studio**

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**Photography and  
Broadcasting Studio**

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## Get technical within Construction!

Did you know that college can prepare you for management and specialist roles in construction?

If you've got an eye for detail, read on!

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## Did you know?

Just as every building needs a good foundation, the courses we offer will provide a cornerstone to your future career. Our courses will help you build up your knowledge to allow you to take the next step towards a degree or employment.

Our courses in Construction Technology are mainly theory based, with some practical work taking place in our state-of-the-art facilities.

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# Why choose Construction Technology?

**Be a crucial team member.** You'll be relied upon to use your knowledge and skills to make key decisions throughout construction projects.

**Work around the world.** The skills you learn with us are truly transferable – construction projects take place everywhere in the world, so you'll have no shortage of opportunities to work towards.

**Job satisfaction.** You'll be working on projects from the very beginning through to completion, which will stand the test of time and give you a great sense of accomplishment.

**“Working in the construction industry has given me some of the most amazing experiences both personally and professionally enabling me to travel and work in other countries. The projects are so diverse you cannot help but be amazed at your own ability to adapt, learn and overcome. With advancement in technologies the construction industry will forge the world for future generations.”**

Brendan Patton,  
Senior Site Manager



# Careers

- Project Manager
- Estates Manager
- Quantity Surveyor
- Building Surveyor
- Building Services Engineer
- Clerk of Works
- Civil Engineer
- Architectural Technician
- Estimator
- BIM Co-ordinator
- Town Planner
- Structural Engineer
- Building Standards Surveyor
- Heritage Property Surveyor
- Health and Safety Manager



# #weare AyrshireCollege

With varied work across domestic, retail, industrial and commercial sectors, you could be working on projects from a small house extension locally to a futuristic skyscraper on the other side of the world. In addition to 'new build' work, there are opportunities to work on conservation of historic properties and maintenance of existing ones.

New projects start every day which need the right people to design, cost and manage the construction process.



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# What are employers looking for?

**This area of the construction industry offers a dynamic environment in which to start your career. Here are just some of the skills and qualities employers are looking for you to bring to the table.**

## **Attention to detail**

You'll be required to make sense of complex technical detail.

## **Decision making**

Working in a technical role will require you to use your best judgement on key decisions.

## **Teamwork**

Don't worry though, you won't be left alone to do this. You'll be part of a team, so being able to work with others will be a key strength.

## **Leadership**

If you enter a management position within construction, your leadership skills will be important in ensuring your team works well and meets deadlines.

## **Planning skills**

It's important to meet deadlines in construction – being a good planner and knowing what's required for a project will prove crucial.

## **Safety conscious**

Every role within the construction industry requires an understanding of health and safety practices, even office-based roles.



Enterprising  
Students

# Could you be one of our **Enterprising Students?**



The Ayrshire College Foundation provides funding of grants up to £5,000 for students of Ayrshire College who are interested in developing ideas to start up their own business.

To help us inspire more students to be enterprising, we are working in partnership with Bridge 2 Business to support idea development.

You could join the many students we have supported so far, including former engineering student Greig Allan.

Visit our [Entrepreneurs Blog](#) to learn more.

[Click here  
to visit our  
blog](#)



**“ The knowledge and skills I’m learning on my engineering course help me understand how things work and how to solve problems. This will help me in the manufacturing side of our business. ”**

Former engineering student, Greig Allan

# Start here...

We're looking for people with a keen interest in a technical career in the construction industry.

If you don't have the formal qualifications that we're ideally looking for (typically a minimum of one relevant Higher) but have appropriate experience or other training, we'll consider you for a place on one of our courses. Some of our courses offer the flexibility of studying on a day release or evening basis.



## Courses available in:

- Architectural Technology
- Civil Engineering
- Construction Management

Click here  
to see all  
courses



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# Go anywhere...

The NC Civil Engineering leads to an HNC in either Construction Management or Architectural Technology.

From our HNC courses we have excellent links to the university sector where successful students can join a degree programme in Year 2.

Most Construction Management students have articulated to Glasgow Caledonian University, with Construction Management, Quantity Surveying and Building Surveying, being the most popular areas of study. Students have also successfully articulated to degree programmes in Health & Safety, Fire Risk Engineering, Environmental Management, Real Estate and Building Services Engineering.

From the HNC in Architectural Technology we have an articulation pathway with Edinburgh Napier University to the BSc/BSc (Hons) in Architectural Technology.

Many students leave College and go into employment, completing their degree later, on a part-time basis.

Further to degree programmes, students can opt to gain membership of professional organisations, for example as a Chartered Construction Manager or Chartered Surveyor.

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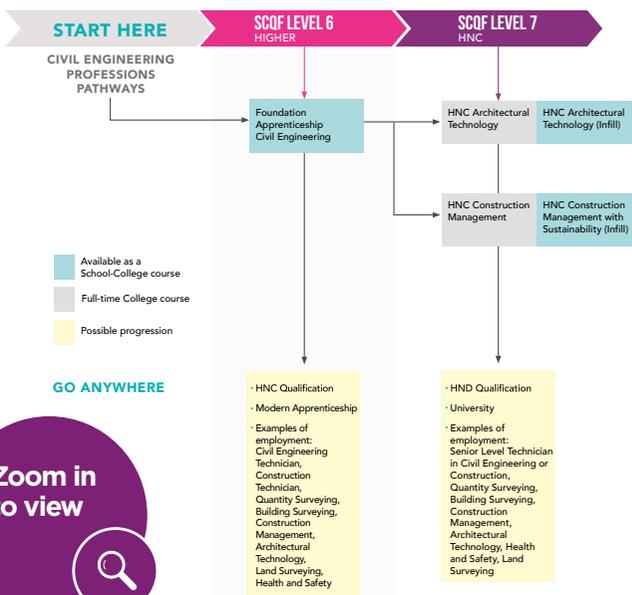


Please check with each university for their articulation requirements prior to your UCAS application. Entry is subject to availability of places and meeting entry requirements, other options may also be available.

# What path will you take?

## Course pathway map for Construction Technology

Our course pathway maps will help you understand the various routes you can take to help you achieve the qualifications you need.



Zoom in  
to view



## Still unsure?

Contact our Student Services team and speak to one of our advisors who will be happy to help you.

You can book an appointment to see the Advisor for your curriculum area either in person, over the phone or by email:

[studentservices@ayrshire.ac.uk](mailto:studentservices@ayrshire.ac.uk)

Tel no. 01294 555 333

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# Go for it!

You're just two steps away from starting your career in Construction Technology...

## Step 1...

**Click here** to see our full list of courses at [www.ayrshire.ac.uk](http://www.ayrshire.ac.uk)

## Step 2...



**Apply online now** or download our Application Guide **here**

Full-time courses start in January and August. Apply as soon as you can because our courses fill up quickly!



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