

# Civil Engineering by Apprenticeship



Atlantic Technological University along with the Civil Engineering Apprenticeship Consortium of key industry stakeholders and employers have developed this Level 6 and Level 7 in Civil Engineering by Apprenticeship.

For Ireland to meet its commitments to Project Ireland 2040, Housing for All, and the Climate Action Plan, the number of people within the profession needs to significantly increase. With shortages of Civil Engineers across the industry, this new suite of Civil Engineering apprenticeships was designed to meet this demand.

If you enjoy working as part of a team, are interested in maths and science and enjoy finding solutions to problems, a career in Civil Engineering could be for you. Projects you will be involved in include the design and construction of civilian infrastructure, from buildings such as hospitals and schools, to transportation and utilities networks.

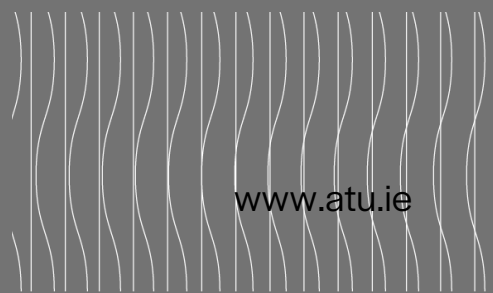
You may also use the qualification to progress within the sector and/or to higher education programmes.

Course Title	Credits	NFQ Level	Delivery	Duration
Higher Certificate in Civil Engineering by Apprenticeship / Bachelor of Engineering in Civil Engineering by Apprenticeship	120 / 180	6 / 7	Apprenticeship	2 / 3 years

Ollscoil  
Teicneolaíochta  
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## As a Civil Engineer, where will I work?

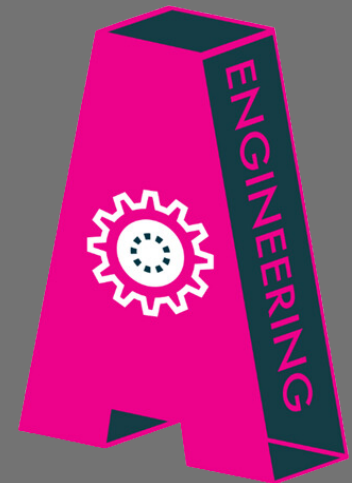
- Civil engineers are employed across the following sub-sectors of the construction industry:
- Government agencies and Local Authorities.
- Consulting Engineers– supporting clients in planning, designing and managing construction projects.
- Civil Engineering Contractors – constructing assets e.g. buildings, roads, bridges, energy supplies and utilities networks.
- Suppliers – providing specialist materials and products to contractors.

## Why should I choose this apprenticeship?

- You have an interest in practical and hands on engineering.
- Earn while you Learn Apprenticeship model.
- Excellent employment prospects in a varied and exciting industry.
- Help Ireland achieve its social and environmental commitments.
- Be part of the profession tasked with the creation, improvement, and protection of the environment in a sustainable manner.
- Create infrastructure and spaces that make a tangible difference to people's lives.

## Is it for me?

- At least 18 years of age.
- Hold a QQI Level 5 (or equivalent).
- An interest in Mathematics and problem solving.
- Pass Grade in Maths at Level 5 (or Equivalent).
- Interest in Civil Engineering and the built environment.
- Solid literacy, verbal, and numeracy skills.
- Ability to plan and prepare work.
- Good analytical and problem-solving skills.
- Good computer skills.
- Good interpersonal skills.
- Safety focused.
- Ability to work independently and as part of a team.



## How will I learn?

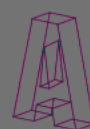
- These apprenticeships are of either 2 or 3 year duration.
- Higher Certificate in Civil Engineering (Level 6 - 2 years) and Bachelor of Engineering in Civil Engineering (Level 7– 3 years).
- You will be trained and assessed both 'on' and 'off' the job.
- Off the Job training will include - 1 week residential (week one), project based learning and lectures delivered online on 1 full day (8hrs) per week.
- Apprentices will attend campus on 1 additional day (Friday) per month to carry out labs / workshops.



Further Information Link



[civilapprenticeships.sligo@atu.ie](mailto:civilapprenticeships.sligo@atu.ie)



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Engineering | [www.apprenticeship.ie](http://www.apprenticeship.ie)