



Your Degree What Next: *Civil, Structural and Environmental Engineering*

What can I do with my degree?

Civil engineering graduates are in high demand, and most civil engineering graduates start their careers with engineering consultancies working in infrastructure and building design, energy, environmental protection and transport management and construction companies. Typical employers include construction and utility companies. Depending on your specialism you could also find graduate level work with specialist contractors. You have the option to pursue further studies in areas including geotechnical engineering, water and waste engineering or transportation engineering.

Typical job titles and employers of graduates from this course include:

Roles	Employers
Civil Engineer	Arup
Design Engineer	Atkins
Structural Engineer	BAM
Site Engineer	Jacobs
Project Engineer	RPS Group
	Sisk

While these are the types of careers graduates of your course typically enter, many graduate roles are open to graduates of all disciplines, so your options are much broader than those related strictly to your course. Civil engineers are also often employed in financial services, management consultancy, law firms and in corporate business. The numerical and problem-solving skills and technical expertise of civil engineers are broad based and make them very attractive employees in many different industries.

Useful Resources

The organisations and professional bodies listed below are useful resources for career / sector specific information:

Professional Bodies and Useful Sites	Resources
Engineers Ireland	gradireland (IE)
Institution of Civil Engineers	Targetjobs (UK)
Silicon Republic	Prospects (UK)
Gradcracker	Sciencemag (Global)
	Vault Career Insider (Global)

Graduate attributes and transferrable skills you can develop at Trinity

You gain a wide range of skills and attributes while at College, through academic study, clubs and societies, voluntary work, student politics, work and other commitments. These are important to recognize as they inform your career decisions and are a critical ingredient in your applications for postgraduate study and jobs.

Here are some skills you can gain :

1. Critical Thinking - The most fundamental part of a university education is learning to work on your own and to make independent judgments. You have to discover the information that you need to analyse complex questions and develop your ideas about them and to present your arguments clearly and persuasively.

2. Teamwork - Learning to work as part of a team is an important skill; sharing the workload, agreeing roles and working as a team to develop ideas, analyse information and present a coherent group argument.

3. Independent Research - You will have learnt how to use the library and other complex information resources and coordinate information from a wide variety of sources.

4. Logical argumentation - You will know how to bring together facts and arguments in order to answer a specific ques-

5. Time and project management - By working on assignments and studying for exams you will have developed the ability to revise and consolidate your work and know how to extract the essential points from a mass of information. You will also have learned how to manage your own time and to work under pressure of deadlines.

6. Verbal communication - You will know how to present your ideas orally and to contribute constructively to discussions.

7. Written communication - You will have had the opportunity to present your ideas in writing accurately and concisely, using convincing arguments which are based on solid evidence; responding flexibly to different types of questions and expressing your thoughts concisely; carrying out in-depth research on a specialised topic and develop the sustained writing skills needed.

8. Digital Skills - You will have the opportunity of developing your computer skills both from typing up your own essays and papers and from undertaking searches on the web & using databases.

9. Personal Development – You are managing the learning required for a degree and recognising the gaps in your understanding and ensuring that these are addressed in ways that best suit your learning style.

How can the Careers Service help me?

The Careers Advisory Service supports students in exploring their career options and connects students with employers. You can book an appointment with your careers consultant to help you deciding your next step in your career.

Login to MyCareer at www.tcd.ie/careers and book your appointment today.

Contact Us

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