

Construction Technology

a great subject choice for
Leaving Cert



Construction Technology

Leaving Certificate

- ✓ Combines creativity, practicality, and career opportunities.
- ✓ Prepares you for a wide range of professions.
- ✓ Fun, engaging, and rewarding.

What is Construction Technology?



 **Construction Technology** introduces students to the knowledge and skills associated with construction technology, materials, and practices. This **practical** subject offers hands-on experience with tools and machinery, along with theoretical background work to support final examinations. These skills prepare students for careers in the industry.



What Junior Cycle subjects does Construction Technology follow on from?

Construction Technology is a direct follow-on from Junior Cycle **Wood Technology** and is tied to **Junior Cycle Graphics**. *While these subjects are NOT required, students who have done well in them may have an added advantage in Construction Technology.* **Even students who have never studied Wood Technology can EASILY participate and potentially achieve a HIGH GRADE in Construction Technology!**



Links to Other Subjects?

Students will already have skills associated with measuring and marking out, project planning, project analysis, research and investigation through engagement in subjects such as **Science, Mathematics and Geography**.



What Kind of Student Should Choose Construction Technology?

- Students with a general interest in buildings and the built environment.
- Those with an aptitude for design and practical work.



By choosing Construction Technology, students gain valuable skills that can be applied in further studies, apprenticeships, and careers in the construction industry.

Construction Technology Course Breakdown

Practical Coursework:

Building Project where the student makes a building detail, a scale model of a building or a craft piece.

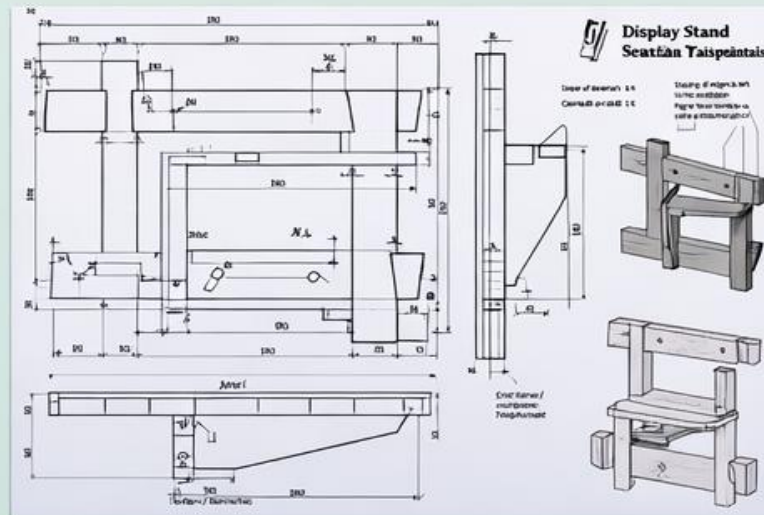


The student also produces a portfolio to accompany the project that they make.

*This accounts for 200 marks.
30% of Grade*

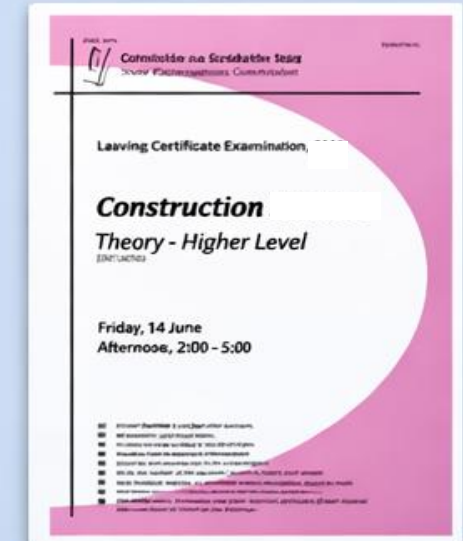
Day Practical Exam:

3-hour practical woodwork exam where the student makes a small item out of timber under exam conditions. The exam normally takes place in May.



*This accounts for 100 marks.
20% of Grade*

Final Examination:



Three hour written paper worth 300 marks. The exam consists of 6 questions out of which five have to be attempted.

*This accounts for 300 marks.
50% of Grade*

Examples of Projects in Construction

Building Detail



Furniture



Heritage



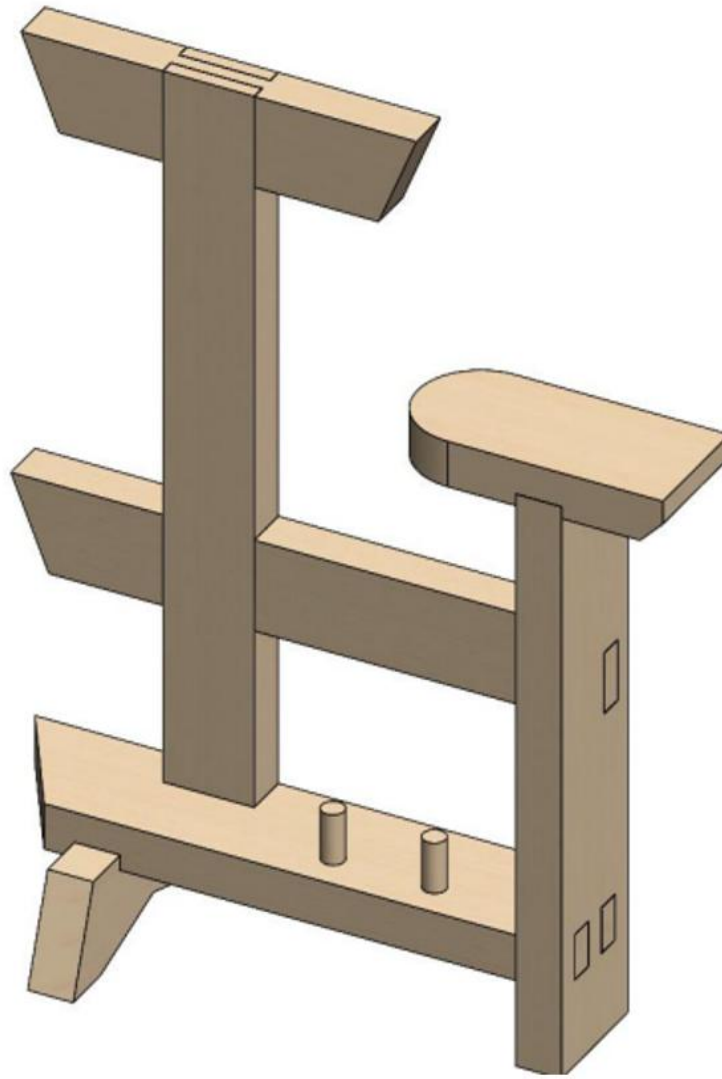
Composite-New Technologies



Examples of the 3 hour Practical Exam Pieces



2024 – Awards Display

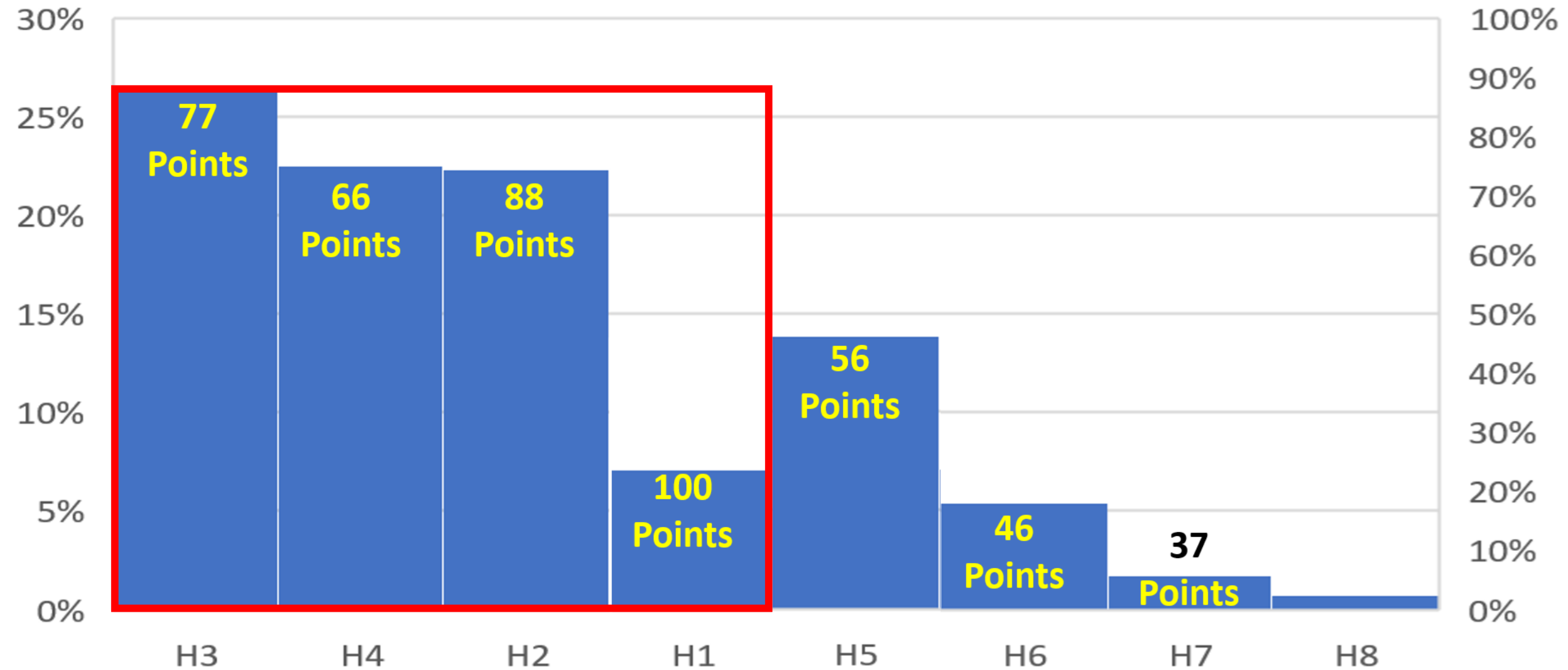


2023 – Jewelry Stand



2022 – Wash Station

Leaving Cert Construction National Results 2025



Approximately 78% of Construction Studies students achieved a grade of H4 or greater at Higher Level nationally.
90% of students nationally opted for the Higher Level course

Possible Future Careers linked with Construction Studies

Studying this subject will be useful for anyone thinking of working/studying in the following areas:



Construction Projects

These are the places where the actual construction takes place. Large construction sites are places teaming with skilled workers who create the actual structures designed by Architects and Engineers.



Architecture

Architecture is both the process and the product of planning, designing and constructing buildings or any other structures. Architectural works, in the material form of buildings, are often perceived as cultural symbols and as works of art.



Property Management & Auctioneering

All properties have to be sold and large office and apartment blocks must be managed. Specialist skills in this area include those involved in selling, marketing and managing property portfolios.



Construction Management & Planning

Construction projects are complex processes, with many relationships to be managed and very precise sequences of events to coordinate. A variety of roles are involved in coordinating the vast array of moving parts, resources and people.



Surveying

Surveying takes in many different careers utilizing a broad set of skills. Surveyors primarily work within construction and property, but are in demand in many other sectors including mining and land management.



Skilled Trades

All construction work involves teams of skilled trades people. These are the 'worker bees' of the industry and every building or construction project has been assembled by these crafts people.



Civil Engineering

Roads, bridges, airports, railways and other significant construction projects are built and maintained with the input of civil engineers.