

Pre-University Construction / Furniture Studies

5M5010 Construction Technology



WHAT IS PRE-UNIVERSITY CONSTRUCTION /FURNITURE STUDIES?

Our one-year course in Pre-University Construction/ Furniture Studies provides students with the essential hands-on skills, technical knowledge and an understanding of the built environment. The course aims to provide students with the opportunity to develop essential knowledge and practical skills to work in the rapidly growing area of construction/furniture design/ manufacture and renewable energy sectors.

A course in construction/furniture opens doors to a wide variety of rewarding career paths within the construction and trades industry. Whether you're interested in hands-on work or management roles, there are opportunities to develop your skills and grow within the sector.

The demand for skilled tradespeople continues to be strong, offering job security and opportunities for career advancement in both local and global markets.

This comprehensive course combines theoretical learning with hands-on experience, preparing students for third level progression, entry to apprenticeships or direct entry into the workforce.

COURSE CONTENT

The following modules will be offered subject to availability or demand and may be subject to change:

- Building Construction or Wood Fabrication
- Architectural Drawing
- Computer Aided Design
- Mathematics/Maths for STEM
- Safety and Health at Work
- Renewable Energy Systems
- Communications
- Work Experience

ENTRY REQUIREMENTS

- Leaving Certificate or Leaving Certificate Applied or;
- Mature Students or;
- Other equivalent qualifications

CAREER OPPORTUNITIES

Whether you are considering a career in construction, furniture design/manufacture, engineering or planning to further your studies at third level, this programme will equip you with the essential skills and practical knowledge for success.

Graduates of this course will be well prepared to pursue higher education at level 7 and 8 in areas including teaching, construction management, furniture design/ manufacture, environmental management, renewable energy, engineering, and architecture.

As the demand for sustainable construction practices rises, there are increasing opportunities for those with expertise in eco-friendly building methods, energy efficient technologies and use of sustainable materials.

EXAMPLES OF HIGHER EDUCATION PROGRESSION

TUS Limerick: LM094 Graphics & Construction Technology Education (Level 8, 4 Years)

ATU Connemara (Letterfrack): AU681 Furniture Design and Manufacture (Level 8, 4 Years)
AU683 Furniture Design Making and Technology (Level 8, 4 Years) or AU583 (Level 7, 4 Years)
AU682 Furniture Making and Architectural Woodworking (Level 8, 4 Years)

TU Dublin Bolton Street: TU833 Construction Management (Level 8, 4 Years)
TU835 Planning and Environmental Management (Level 8, 4 Years)
TU837 Quantity Surveying and Construction Economics (Level 8, 4 Years)
TU805-826 Building Engineering (Level 8, 4 Years) or TU703 (Level 7, 3 Years)

TUS Athlone: US880 Quantity Surveying (Level 8, 4 Years)

University of Galway: GY410 Project and Construction Management (Level 8, 4 Years)

TUS Limerick: LM082 Construction Management and Engineering (Level 8, 4 Years)

TU Dublin Grangegorman: TU802 Electrical Services and Energy Management (Level 8, 4 Years)

CERTIFICATION

- Level 5 in Construction Technology.