

MODULE: FURNITURE AND FITTINGS

Griffith College Dublin – Design in Interior Architecture

Year-long module (Fall & Spring)

This module is open to YEAR ABROAD STUDENTS ONLY and only to majors in this field.

Module Aims

This module aims to enable the student to create opportunities for creative self expression in designing innovative furniture and fittings.

Indicative Module Content

- **Designing Furniture and Fittings**
Creation of initial design concepts - ideas, sketches, brainstorming. Brief outlining and creation of a product design specification. Development of ideas, adding more detail. Considering materials, structure, manufacture, joints, fittings, internal joinery, architectural hardware.
- **Materials and Manufacturing**
Research and selection of materials suitable for different internal joinery solutions. Understanding basic manufacturing techniques.
- **Sourcing**
Sourcing appropriate furniture for use in design projects. Sourcing and referencing fittings for use in design projects. Sourcing architectural hardware.
- **Ergonomics**
Analysing how humans and furniture relate, investigating terms such as “user-friendly”, “user-centred” and “inclusive” design. The study of anthropometric data and its use in the design process. Compliance with standards and regulations.
- **Environment**
Consideration of issues in relation to the environment in which a product will be placed - interior vs. exterior, public vs. domestic. Selection of materials and finishes based on a product's end environment. Awareness at design stage of factors to be considered to increase the suitability of a design to its end environment.
- **Social and Ethical Issues**
Creating an awareness of the issues to be considered with respect to furniture in a greater social and ethical context. Understanding the role of such factors as sustainable materials, recyclable materials,

energy efficient processes manufacture, transport and distribution, design for disassembly, life-cycle of products in relation to furniture.