

## **MODULE: DESIGN PRINCIPLES I**

Griffith College Dublin – Design in Interior Architecture

Year-long module (Fall & Spring)

This module is open to YEAR ABROAD STUDENTS ONLY.

### **Module Aims**

This module aims to enable the student to understand the basic principles of design.

### **Indicative Module Content**

#### **Introduction to 2-Dimensional Design**

- **Design / Visual language:** Conceptual / visual / relational / practical elements
- **Form and Shape:** represent, geometric, non-objective, type
- **Texture:** visual / tactile
- **Variations of form:** Add / Subtract / Interpenetrate / Multiply / Divide / Transform planes
- **Proportion:** whole number, root and golden rectangles
- **Composition:** Form + shape / Frame of reference / Form + space
- **Perception of Form:** Scale / Symmetry / Illusion / Closure / Gestalt
- **Depth cues:** size, overlap, value, colour, aerial perspective, linear perspective, gradient, transparency
- **Colour:** Science and systems / How we use colour

#### **Introduction to 3-Dimensional design**

- **Structural principles**
  - **Application of points and lines in 3D**
  - **Application of planar structures in 3D**
  - **Unit volume structures and repetition**
  - **Application of colour to unit volumes**
  - **Principles in 3-dimensional spaces**
  - **Modifying 3D form**
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