

# CONSTRUCTION STUDIES

## Subject Overview

Construction Studies introduces students to the knowledge and skills associated with construction technology and construction materials and practices. This is achieved through theoretical study and integrated practical projects which provide a basis for the thorough exploration of materials and processes

## Content

### Part I - Construction Theory and Drawing

- Planning and Design
- Drawings and Documents
- Site Preliminaries and Foundations
- Walls, Partitions
- Floors, Roofs
- Fireplaces
- Windows and Doors
- Stairs
- Plastering and Painting
- Plumbing and Heating
- Services Drainage
- Sustainable development
- Construction & The Environment

### Part II - Practical Skills

- Tools
- Processes

### Part III - Course Work and Projects

- Workshop/laboratory experiments
- Student projects

## Assessment

Section A Three hour written paper worth 300 marks (50%). The exam consists of 10 questions out of which five have to be attempted. Question 1 is a compulsory drawing question of a building detail.

Section B 4-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 150 marks (25%).

Section C 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. Ideally this project must be completed by Christmas. This accounts for 150 marks (25%).

## Career Opportunities

- Architecture
- Construction Management
- Building services engineer
- Building surveyor
- Construction manager
- Estates manager
- Quantity surveyor
- Site engineer
- Sustainability consultant
- Teaching
- Various apprenticeships.
- And many more....