

# **HIGHER NITEC IN CIVIL & STRUCTURAL ENGINEERING DESIGN**

## **Electives (Course Specific)**

### **Elementary Quantities**

On completion of the module, students should be able to calculate and prepare the bill of quantities for simple building work in accordance with Civil Engineering Standard Method of Measurement Code.

### **Model Making**

On completion of the module, students should be able to construct a scaled model of a structural frame.

### **Land Surveying**

On completion of the module, students should be able to perform simple levelling work, set out horizontal angles and calculate reduced levels from field bookings.