

ACT-UK

National Centre for Advanced Construction Technology



Client
**Coventry University
Enterprises Ltd**

Completion Date
July 2009

Contract Value
£3 million

Gross Internal Area
1100m²

Structural Engineer
Barnevelds

Services Engineer
Couch, Perry & Wilkes

Quantity Surveyor
GB Partnerships

Acoustic Consultant
Cole Jarman Associates

Main Contractor
Shaylor Construction



“Bringing together education and industry in a brand new training facility”



Brief

The building incorporates training and research facilities for the construction industry. While at the centre being a BMSC (Building Management Simulation Centre) the first in the UK, providing a virtual building site for training construction managers.

Design Process

Following a design study we prepared for the Learning Skills Council a detailed scheme was prepared and tested through a value management process. Planning permission has recently been obtained and the project has received AWM approval. It is intended the design will achieve a BREEAM very good rating

Procurement

To meet best practice for construction projects a partnering approach has been adopted with the contractor advising the project team during the detailed design phase with the project being let under a traditional contract.

Construction

The building is steel framed with pre-cast concrete floors. A variety of external cladding materials will provide a teaching tool for those visiting the building. To maintain the feel of a building site real site cabins will be built in to the simulator hall.