

Module Title:	Project Analysis & Appraisal
Module Code:	BSCS05H
Level:	6
Credits:	15
Pre-requisites:	None

Module Description:

This module is designed to provide a vehicle to consolidate and integrate the student's understanding of methods, technologies and processes through application. The module will draw together the skills and techniques studied throughout the programme.

Indicative Content:

- Environmental influences.
 - Introduction to residential and commercial valuation techniques and application of yields.
 - Strategic framework.
 - Site safety auditing systems.
 - Project cost, quality and schedule coordination and control.
 - Design, management and integration with construction.
 - Cost planning techniques: cost/value, project costing, cost recovery /control methods
 - Monitoring and control systems.
 - Managing value and risk.
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Learning and Teaching Methods:

Seminars, tutorials, and workshops, will be used to develop themes and support the students and to challenge their knowledge where it is too narrow and simplistic. Holistic application of methods, technologies and processes must be demonstrated by the student. Students must demonstrate a systematic approach to project management analysis.

Module Specifications: Schools of Construction and Engineering

Specific Learning Resources:

NONE

Bibliography

Highly Recommended

Construction Industry Council (1996) Project Management Skills London: Construction Industry Skills Council

CIOB (2002) Code of Practice for Project Management for Construction and Development 3rd Edition Oxford: Blackwell

Lock, D (1986) Project Management Handbook Aldershot: Gower

Griffith, A & Watson, P (2003) Construction Management – Principles and Practice Basingstoke: Palgrave Macmillan

Isaac D (1996) Property Development Appraisal and Finance. Palgrave

Davidson A. W. (2006) Parry's Valuation & Investment Tables. London: The Estates Gazette. 12th edition

Recommended

Health and Safety Executive (2001) Health and Safety in Construction Norwich: HSE Books

Pilcher, R (1993) Principles of Construction Management 3rd Edition Maidenhead: McGraw Hill

Langford, D A & Male, S (2001) Strategic Management in Construction Oxford: Blackwell Science

Millington, A. F. (2000) Property Development, Estates Gazette, London

Background Reading

Flanagan, R and Norman (1993) Risk Management in Construction Oxford: Blackwell Science

Rougie, A (1987) Project Development and Evaluation London: BT Batsford

British Standards Institution (1997) BS 6079 Guide to Project Management London: BSI

Griffith, A & Howarth, T (2001) Construction Health and Safety Management 4th Edition Harlow: Longman

Module Learning Outcomes

Subject Specific Learning Outcomes

On successful completion of this module you will be able to:

LO 1	Prepare and evaluate a strategic framework for the systems that run a project including environmental influences.
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LO 2	Examine the links between quality, time and cost, and innovations in materials and methods for a project.
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Module Specifications: Schools of Construction and Engineering

LO 3 | Propose and justify effective monitoring and risk analysis for delivery of a project.

LO 4 | Investigate and apply valuation techniques to development schemes.

Assessment Title or element	Weighting (%)
Case Study (2,000 words)	60%
Examination: open book	40%

Information correct at point of publication.