University of East Anglia

ACADEMIC PARTNERSHIPS

Module Outline **Part 1- as validated**

1.	**Title**	**Construction Planning**
2.	**Level ***	**6**
3.	**Credits**	**20**
4.	**Indicative Student Study Hours**	**36**
5.	**Core (must take and pass), Compulsory (must take) or Optional**	**Compulsory**

**** Foundation Level=3 Degree Year 1 = 4 Degree Year 2 = 5 Degree Year 3 = 6***

PG (Masters) = 7

5. Brief Description of Module (purpose, principal aims and objectives)
This module focuses on the management of the production phase in the construction of buildings within time, cost and quality constraints of the given resources. Students will study planning, programming, resourcing and control techniques allied to construction projects alongside productivity issues, and company strategies. The importance of modern methods of construction and risk management techniques will also be developed.

6. Learning Outcomes - On successful completion of this module a student will be able to: (*Add more lines if required)*	
	Subject Specific Learning Outcomes
1.	Examine multi-discipline non-adversarial working practices.
2.	Apply and appraise construction planning and control procedures.
3.	Evaluate the impact of sustainable construction and environmental management on a project.
4.	Examine risk management methodologies.
	Generic Learning Outcomes
1.	Transfer appropriate knowledge and methods across subject modules
2.	Think systematically, comprehensively, logically and imaginatively.

7. Assessment

Pass on aggregate or Pass all components *(modules can only be pass all components if this is a PSRB requirement)*	**Pass on aggregate**

Summary of Assessment Plan

	Type	% Weighting	Annonymous Yes / No	Word Count/ Exam Length	Learning Outcomes Coverage	Comments
1.	Report	50%	Yes	2000	LO 1,2	
2.	Time controlled assessment	50%	Yes	6 hours	LO 3,4	

Further Details of Assessment Proposals

Give brief explanation of each assessment activity listed

Report

The students will investigate a given construction scenario to compare and contrast non-adversarial procurement methods, assess risk management techniques and to explain the purpose of environmental impact assessments and the effect this has on construction projects.

Time controlled assessment

Students sit a time controlled investigation into the application of modern methods of construction, site waste management strategies, the use of sustainable building materials to a given construction project.

8. Summary of Pre and / or Co Requisite Requirements

Site Management Practice, Principles of Management

9. For use on following programmes

BSc (Honours) Construction Management (Site Management)

Module Specification **Part 2- to be reviewed annually**

1.	**Module Leader**	**Michelle Box**

2.	**Indicative Content**
	Inter relationship of contracts and site managers with other participants in the building process, multi-discipline non-adversarial working Construction planning, control procedures and project programming techniques Modern Methods of Construction, prefabrication, off-site construction Quality, best practice, sustainability and environmental management Resource management strategies and their implementation Risk management techniques and their implementation

3. Delivery Method (*please tick appropriate box)*

Classroom Based	Supported Open Learning	Distance Learning	E-Learning	Work Based Learning	Other (specify)
Yes					

*If the Delivery Method is **Classroom Based** please complete the following table:*

	Activity (lecture, seminar, tutorial, workshop)	**Activity Duration - Hrs**	**Comments**	**Learning Outcomes**
1	Lectures	36		LO1-4
2				
	Total Hours	**36**		

If delivery method is *not* classroom based state lecturer hours to support delivery	

4. Learning Resources

To include contextualised Reading List.

Highly Recommended

Ashworth, A. and Perera, S. (2018) *Contractual Procedures in the Construction Industry 7th Edition*, Abingdon: Routledge

Cole, A. D. (2018) *Effective Risk Management in the UK Construction Industry*, Independently

published

Cooke, B. (2014) *Management of Construction Projects*, Chichester: Wiley-Blackwell

Cooke, B. and Williams, P. (2009) *Construction Planning, Programming and Control 3rd Edition* Chichester: Wiley-Blackwell

March, C. (2017) *Construction Management*, Abingdon: Routledge

Recommended

Cartlidge, D. (2015) *Construction Project Manager's Pocket Book*, Abingdon: Routledge

CIOB (2014) *Code of Practice for Project Management for Construction and Development 5th Edition,* Chichester: Wiley-Blackwell

Harris, F., McCaffer, R. and Edum-Fotwe, F. (2013) *Modern Construction Management 7th Edition* Chichester: Wiley-Blackwell

https://www.ciob.org/

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