



PRIFYSGOL CYMRU

Y Drindod Dewi Sant

UNIVERSITY OF WALES

Trinity Saint David

SWANSEA - ABERTAWE

UNIVERSITY OF WALES: TRINITY SAINT DAVID
PRIFYSGOL CYMRU: Y DRINDOD DEWI SANT

School of Applied Computing

**Project Management
ACCC5005**

MODULE CODE:	ACC5005
TITLE:	Project Management
LEVEL:	5
CREDITS:	10
JACS CODE:	N 213

AIM(S)

- To provide students with a critical awareness of the contemporary challenges facing IT managers and the key decisions they must take in order to satisfy the principal stakeholders to create quality systems within the promised timescale and budget. The student will be able to critically appreciate the importance of professional conduct and consider the ethical and legal issues facing IT personnel.

LEARNING OUTCOMES

Upon the successful completion of this module, the student should be able to demonstrate the ability to:

1. Evaluate project management methods and techniques, and demonstrate an appreciation of the legal and ethical issues, including sustainability.
- 2.
3. Demonstrate a critical awareness and systematic understanding of a range of contemporary project management techniques while working as a member of a team.

INDICATIVE CONTENT

- Understanding the roles and responsibilities within project teams and the management of people and change.
- Ethical, legal and professional responsibilities incumbent on IS/IT managers, e.g. intellectual property, data protection, codes of practice (BCS), legal frameworks, contracts.
- Resourcing alternatives: for example, outsourcing, developing bespoke software or purchasing sophisticated software packages (such as enterprise systems)
- Project Planning: Function Point Analysis (FPA), Critical Path Analysis (PERT, CPM), Gantt Charts, Work Breakdown Structures (WBS).
- Concepts of Quality Management: quality assurance, quality control methods, quality standards.
- Factors influencing project success or failure
- Risk management: health and safety, sustainability and green drivers for project success
- BCS guidelines on Green and Sustainable IT

- Financial appraisal methods, e.g. payback, discounted cash flow

LEARNING AND TEACHING STRATEGY

The conceptual, theoretical issues are suited to delivery during weekly lectures. However, tutorials are necessary to develop the practical skills required to investigate the requirements and design a solution to the business problem presented in the case study used as a vehicle for assessment. The lecture and tutorials will be student driven, reflecting the knowledge and skill required at each stage of project development.

The allocation of teaching to deliver the module is:

Activity type	Hours	Percentage
Scheduled learning	30	30%
Independent learning	70	70%
Placement learning	0	0%
TOTAL	100	100%

ASSESSMENT

Assessment Component 1 – Coursework - 100%

Assessment Summary

Activity type	Percentage
Coursework	100%
Exam	0%
Practical	0%
TOTAL	100%

BIBLIOGRAPHY

Essential

Hughes, B. and Cotterell, M. (2009), 5th Edition *Software Project Management*, McGraw-Hill

Maylor, H. (2010) *Project Management*. Financial Times/Prentice Hall
Background

Newton, R. (2013), *The Project Management Book: How to Manage Your Projects to Deliver Outstanding Results*, FT Publishing International

Barker, S., Cole, R. (2012) 3rd Edition, *Brilliant Project Management: What the Best Project Managers Know, Do and Say*, Pearson

Dobson, M.S. (2010) *Creative Project Management*. McGraw-Hill

Larson, E.W. (2010) 5th Edition, *Project Management: The Managerial Process*. McGraw-Hill

Journals

ACM Transactions on Information Systems
Behaviour and Information Technology
Communications on the ACM
Journal of Strategic Information Systems
Journal of Systems Management

Websites

<http://www.acm.org>
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