

Module specification

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| Module code | BUS5A24 |
| Module title | Operations and Project Management |
| Level | Level 5 |
| Credit value | 30 |
| Faculty | Glyndwr University: Faculty of Social and Life Sciences Bloomsbury Institute: School of Business and Accounting |
| Module Leader | TBC |
| HECoS Code | 100078 |
| Cost Code | GAMG |

Programmes in which module to be offered

| Programme title | Is the module core or option for this programme |
|---|---|
| BA (Hons) Business Management | Core |
| BA (Hons) Business Management (Marketing) | Core |
| BA (Hons) Business Management (Entrepreneurship) | Core |
| BA (Hons) Business Management (Human Resource Management) | Core |

Pre-requisites

None

Breakdown of module hours

| | |
|--|----------------|
| Learning and teaching hours | 55 hrs |
| Placement tutor support | 0 hrs |
| Supervised learning e.g. practical classes, workshops | 0 hrs |
| Project supervision (level 6 projects and dissertation modules only) | 0 hrs |
| Total active learning and teaching hours | 55 hrs |
| Placement / work based learning | 0 hrs |
| Guided independent study | 245 hrs |
| Module duration (total hours) | 300 hrs |

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|------------------------------|--------------|
| For office use only | |
| Initial approval date | 8 April 2022 |
| With effect from date | June 2022 |
| Date and details of revision | |
| Version number | 1 |

Module aims

The module introduces students to the theory and practice of operations and project management. This is designed with emphasis on the need to gain knowledge and understanding of the key principles, models and approaches used by organisations in the management of their operations and projects. The module will incorporate the use of relevant industry software and familiarisation with contemporary issues in operations management including RFID and lean management. Both qualitative and quantitative approaches, including relevant tools and frameworks will be explored and applied in the analysis and process of solving issues in the management of operations and projects. Students will be required to adopt a critical approach when applying the frameworks.

The module aims to:

- Examine and evaluate the theory and practice of operations and project management.
- Explore the role of the project manager in balancing between controlling organisations costs and risks whilst also maintaining quality.
- Develop the ability to apply the fundamental project management principles when designing a comprehensive project plan using suitable software, including relevant tools, models, frameworks and approaches used by organisations in the management of their operations and projects.

Module Learning Outcomes - at the end of this module, students will be able to:

| | |
|---|--|
| 1 | Explain and evaluate key principles, models and approaches used by organisations in the management of their operations and projects. |
| 2 | Analyse operations management situations and make recommendations. |
| 3 | Apply the fundamental project management principles when designing a comprehensive project plan using suitable software. |

Assessment

This section outlines the type of assessment task the student will be expected to complete as part of the module.

Indicative Assessment 1: Will take the form of an in-class test (2 hours). The test may include (but is not limited to) MCQs, open questions and short scenarios.

Indicative Assessment 2: Will take the form of a project plan and a reflection (2,000 words).

| Assessment number | Learning Outcomes to be met | Type of assessment | Weighting (%) |
|-------------------|-----------------------------|--------------------|---------------|
| 1 | 1, 2 | In-class test | 50 |
| 2 | 3 | Project | 50 |

Derogations

None

Learning and Teaching Strategies

The module will be completed over one term.

Students will undertake 2-weeks of pre-reading and online activities.

The module is taught through weekly 1-hour lecture, 2-hour seminars and 2-hour workshops.

Additional recorded lectures may also be provided through the VLE.

Lectures provide a broad outline structure for each topic to be covered. Lectures offer a good way of covering a lot of information and, more importantly, of conveying ideas to many people at once.

Seminars enable students to undertake directed self-study and to answer questions and solve problems which are set by the lecturer. Students will present their answers and solutions within the seminar group. Seminars enable students to explore further the topics introduced in the lectures.

Workshops follow on from lectures and seminars. They are designed to enable students to work within a small group to perform set tasks (e.g. working on an exercise or case study). They reinforce proactive learning by providing opportunities for discussion and interaction.

The seminar/workshop groups are small, thereby enabling students to develop a deep understanding.

Student digital literacies are developed on this module through the use of:

- Online libraries and databases for gaining access to full-text journal articles and eBooks.
- Communication means provided through the VLE and learning technology applications.
- Assessment and feedback tools such as Multiple Choice Tests/Quizzes, Turnitin and the VLE's Gradebook – enabling timely and detailed feedback on student work.
- Web-based Office 365
- Project management software, e.g. Microsoft Project, ClickUp, Monday.com etc.

Indicative Content

- The role of projects in delivering organisational strategy
- Processes for initiating, planning and managing projects
- Project selection and evaluation techniques
- Project scoping, resource planning, team management, project time management
- Project management approaches including: network diagram analysis, PERT and CPA, NPV and Payback techniques
- Software familiarisation: e.g. Microsoft Project, ClickUp, Monday.com etc.
- Project cost management
- Project communication
- An introduction to the PRINCE2 methodology
- Project risk management
- Principles of operational planning in an organisation
- Operational plans
- Managing operations
- Inventory control and management including RFID techniques
- Operational efficiency including lean management techniques
- Production techniques
- Scheduling techniques
- Total Quality Management and Continuous Improvement
- Just in Time Techniques

Indicative Bibliography:

Please note the essential reads and other indicative reading are subject to annual review and update.

Essential Reads

- Slack N. and Brandon-Jones A. (2018) *Essentials of Operations Management*, 2nd Edition, Pearson
- Pinto J. K. (2019) *Project Management: Achieving Competitive Advantage*, Global Edition, 5th Edition, Pearson.

Other indicative reading

- Larson E., and C. Gray (2014) *Project Management – The Managerial Process*, New York, McGraw Hill
- Barnes, D. (2018), *Operations Management: An International Perspective*, Bloomsbury Publishing

Websites

- Resources available from CMI Management Direct
- Project Management Institute <http://www.pmi.org/>
- The Institute of Operations Management <http://www.iomnet.org.uk/>

Employability skills – the Glyndŵr Graduate

Each module and programme is designed to cover core Glyndŵr Graduate Attributes with the aim that each Graduate will leave Glyndŵr having achieved key employability skills as part of their study. The following attributes will be covered within this module either through the content or as part of the assessment. The programme is designed to cover all attributes and each module may cover different areas.

Core Attributes

Engaged
Enterprising
Creative
Ethical

Key Attitudes

Commitment
Curiosity
Resilience
Confidence
Adaptability

Practical Skillsets

Digital Fluency
Organisation
Leadership and Team working
Critical Thinking
Communication