

MODULE SPECIFICATION PROFORMA

Module Title:	Asset Management Practices	Level:	7	Credit Value:	20
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Module code:	BUSI702	Is this a new module?	YES	Code of module being replaced:	n/a
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Cost Centre:	GAMP	JACS3 code:	N215
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Trimester(s) in which to be offered:	1, 2	With effect from:	September 16
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School:	Business	Module Leader:	Dr Jan Green
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Scheduled learning and teaching hours	33 hrs
Guided independent study	167 hrs
Placement	0 hrs
Module duration (total hours)	200 hrs

Programme(s) in which to be offered	Core	Option
MBus Business	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MAccFin Accounting and Finance	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>

Pre-requisites: None

Office use only

Initial approval August 16

APSC approval of modification *Enter date of approval*

Have any derogations received SQC approval?

Version 1

N/A

Module Aims

To introduce and apply the concept of asset management and the diverse ways in which the related practices contribute to overall operational performance of a contemporary organization

To develop an appreciation of the scope of asset management which encompasses the optimization of the maintenance and renewal of facilities, machinery and equipment

Intended Learning Outcomes

Key skills for employability

- KS1 Written, oral and media communication skills
- KS2 Leadership, team working and networking skills
- KS3 Opportunity, creativity and problem solving skills
- KS4 Information technology skills and digital literacy
- KS5 Information management skills
- KS6 Research skills
- KS7 Intercultural and sustainability skills
- KS8 Career management skills
- KS9 Learning to learn (managing personal and professional development, self-management)
- KS10 Numeracy

At the end of this module, students will be able to

Key Skills

At the end of this module, students will be able to		Key Skills	
1	Present a critical insight into the origins of asset management as key organizational role	KS1	KS6
		KS4	KS8
		KS5	KS9
2	Design an asset management function and evaluate the recognised stages of asset life cycles	KS1	KS4, KS5
		KS2	KS7, KS8
		KS3	KS9, KS10
3	Complete an asset risk analysis exercise and effectively analyse the process and outcomes	KS1	KS5
		KS3	KS6, KS8
		KS4	KS10
4	Critically evaluate asset financial returns in an organizational setting	KS1, KS3	KS7
		KS4	KS8, KS9
		KS5	KS10

Derogations

None

Assessment:

Please give details of indicative assessment tasks below.

Assessment 1 provides students with the opportunity to be creative and identify the organizational benefits, in a visual manner, of incorporating asset management within a business/management portfolio and answer related questions.

Assessment 2 encourages the students to undertake a practical risk assessment exercise and translate their findings in a quantitative manner to indicate a return on investment.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)	Duration (if exam)	Word count (or equivalent if appropriate)
1	1, 2	Poster Presentation	50%	20-mins	1,000
2	3, 4	Report	50%		3,000

Learning and Teaching Strategies:

As asset management is a relatively new body of knowledge the learning and teaching strategy will blend together a series of formal lectures to present theoretical knowledge as a foundation for the learning outcomes. Students will be encouraged throughout to contribute and question as a means of developing critical skills and provide interaction. Tutorials will encourage the development of research skills and independent learning in a post-graduate study environment using case studies and, where possible, live examples to provide a theory into practice environment where evaluation and decision making are expected.

Syllabus outline:

The history and scope of Asset Management
 Typology of Assets
 Asset Management Function
 Asset Life Cycle Activities
 Management of In-Service Assets
 Asset Risk Analysis
 Equipment Replacement Decisions
 Asset Financial Returns

Bibliography:

Essential reading

Campbell, J.D., Jardine, A.K.S. & McGlynn, J. (2011) Asset Management Excellence, Taylor and Francis, Boca Raton, Florida.

Other indicative reading

Deadman, C. (2010) Strategic Asset Management, Matador, Leicester
Hastings, N.A.J. (2010) Physical Asset Management, Springer-Verlag, London
Mitchell, J.S. (2012) Physical Asset Management Handbook, 4th Edn. Reliabilityweb.com

Journals

Facilities
International Journal of Operations and Production Management
Journal of Facilities Management

Website:

Asset Management Academy <http://www.am-academy.com/>
The Institute of Asset Management: <https://theiam.org>