



## Introduction

### Welcome

#### Welcome

My name is Bill Lambie and I am pleased to welcome you to this Facilities and Asset Performance Unit.

I will be the Coordinator for this Unit.

I have thirty years experience in the building and construction industry, most of which has been in the South Australian government where I started professional life as an Architect, was subsequently enticed into management and during the past fifteen years have provided leadership in strategic asset management and building environmental policy.

What continues to excite me is that asset management is still an emerging discipline, notwithstanding that it has come a long way over the past twenty five years or so in Australia.

I hope that you will find the course engaging and expect students to actively participate in all unit activities so that together, we can share in this journey that will offer you a challenging learning experience and one that will offer you some valuable insights and practical applications in your future career.

You will achieve this by actively engaging in discussion activities for each topic so that you can easily develop your understanding of how the theory is applied in practice. The sharing and exchange of your own thoughts on the subject matter being presented will enrich the overall learning experience.

Best wishes

Bill Lambie

### Unit Coordinator(s)

Unit Coordinator: Bill Lambie

Email: [William.Lambie@unisa.edu.au](mailto:William.Lambie@unisa.edu.au)

Home Page: <http://people.unisa.edu.au/William.Lambie>

### School Contact Details

#### University of South Australia

School of Natural and Built Environments

GPO Box 2471

Adelaide SA 5001

Telephone: (08) 8302 2227

Fax: (08) 8302 2252

## General Enquiries

### **OUA Student Advisers**

Tel: +61 8 8647 6145

Fax: +61 8 8647 6082

Tel: 1300 361 450 (local call cost - mobile and payphone extra)

Email: [ouainfo@unisa.edu.au](mailto:ouainfo@unisa.edu.au)

Website: [www.unisa.edu.au/oua](http://www.unisa.edu.au/oua)

## Online resources for your unit

Online resources for this unit can be accessed from your unit homepage via your UniSA student portal <https://my.unisa.edu.au>.

Please also check the OUA @ UniSA website for frequently asked questions and information on administrative processes for OUA students studying with UniSA. [www.unisa.edu.au/oua](http://www.unisa.edu.au/oua)

OUA students enrolled in UniSA units are eligible to use the Library to support their study. Regardless of where you live UniSA's Off Campus Library Service can help you. Services include phone and online assistance, electronic document delivery to your desktop and postal delivery of loan items and documents. [www.library.unisa.edu.au/services/oua/](http://www.library.unisa.edu.au/services/oua/)

Unibooks is UniSA's preferred textbook supplier and textbooks can be purchased online at [www.unibooks.com.au](http://www.unibooks.com.au).

# Unit Overview

## Prerequisite(s)

There are no prerequisite Subjects to be completed before this subject can be undertaken.

## Corequisite(s)

There are no corequisite Subjects to be completed in conjunction with this Subject.

## Course Objectives

On completion of this Subject, students should be able to:

CO1. Undertake asset performance assessment in the context of business service objectives by exploring and reporting on benchmarking techniques using key performance indicators and conduct gap and risk analysis to prioritise deficiencies identified.

CO2. Evaluate and report on asset performance for compliance with standards and codes of practice.

CO3. Work in teams to carry out and report on whole of life costing, cost benefit, break even analysis and other studies using qualitative and quantitative data.

CO4. Work in teams to develop strategy in the context of asset performance and business service requirements sufficient to determine asset maintenance, appropriating and disposal plans

CO5. Critically analyse and report on design, construction and/or purchase requirements for new infrastructure in relation to sustainability guidelines

CO6. Work in teams to assess existing infrastructure for compliance with sustainability guidelines/standards and recommend appropriate action(s) to modify, improve, and/or upgrade existing infrastructure to meet sustainability requirements.

Upon completion of this Subject, students will have achieved the following combination of Graduate Qualities and Subject Objectives:

	Graduate Qualities being assessed through the Unit						
	GQ1	GQ2	GQ3	GQ4	GQ5	GQ6	GQ7
CO1	•					•	
CO2	•		•			•	
CO3	•			•		•	
CO4	•			•		•	
CO5	•					•	
CO6	•		•	•		•	

## Teaching and Learning Arrangements

Directed Study (Self directed study, requiring reading of online materials, including slideshows and specified readings) 1 hour x 13 weeks

External (Online Tutorials, requiring weekly entry into discussion forums and a-synchronous interaction with teacher(s) and other students) 2 hours x 13 weeks

## Value of Unit

4.5 unit points

## Special Requirements

There are no special requirements for this unit.

## Study schedule

A table outlining the unit structure and study schedule is printed at the back of this guide. Please refer to it for important information regarding due dates for assignments.

# Learning Resources

## Textbook(s)

There are no textbooks listed for this Subject.

## Materials dispatch for this unit

There are no materials dispatched for this unit.

## Materials to be accessed online

### learnonline unit site

All other unit related materials can be accessed through your **learnonline** unit site which you will be able to access from the my Courses section in myUniSA.

### myUniSA

All study related materials can be accessed through: <https://my.unisa.edu.au>

# Assessment

## Assessment Summary

#	Form of assessment	Length	Duration	Weighting	Due date (Adelaide Time)	Submit via	Objectives being assessed
1	Discussion contribution	450 words	N/A	10%	Weekly	learnonline	CO1, CO2, CO3, CO4, CO5, CO6
2	Individual assignment	1800 words	N/A	40%	29 Aug 2014, 2:00 PM	learnonline	CO1, CO2, CO5
3	Group Assignment	2250 words	N/A	50%	17 Oct 2014, 2:00 PM	learnonline	CO3, CO4, CO6

## Feedback proformas

The feedback proforma is available on your course site.

## Assessments

### Discussion contribution (Graded)

This assessment is equivalent to a series of tutorials linked to each of the topics in the Unit.

You are required to participate actively in the forums for each topic, in accordance with instructions in the respective online study guides.

'Active Participation' means getting in there and expressing your view. You can add new comments or reply to those submitted by others. Your replies might counter with contrary argument, or elaborate on an area that you think could be strengthened.

### Individual assignment (Graded)

The assignment consists of a written submission based on instructions provided by the Unit Coordinator and will be available on the Unit website.

Submissions are to be prepared by each student separately as individual efforts.

### Group Assignment (Graded)

The assignment consists of a written submission based on instructions provided by the Unit Coordinator and will be available on the Unit website.

Submissions are to be prepared as a collaborative effort by students working in groups of 5 or 6. Groups can be formed at any time during week 4, using the online choice facility on the Unit website.

## Penalties

5% of the mark will be deducted for each day your assessment is late without approval.

## Supplementary Assessment

Supplementary assessment is not available for this course.

## Important information about all assessment

All students must adhere to the University of South Australia's policies about assessment:  
<http://www.unisa.edu.au/policies/manual/default.asp>.

## Students with disabilities or medical conditions

Students with disabilities may be entitled to a variation or modification to standard assessment arrangements.

Policy for students with disabilities is available at:  
<http://www.unisa.edu.au/policies/policies/corporate/C07.asp>.

If you indicated you have a disability when you enrolled through Open Universities Australia, you will be sent a letter about UniSA services for students with disabilities. UniSA encourages you to develop a Disability Access Plan with the Learning and Teaching Unit Disability Service. <http://www.unisa.edu.au/disabilityservices/default.asp>

## Variations to assessment tasks

Variation to assessment methods, tasks and timelines can be provided in:

**Unexpected or exceptional circumstances**, for example bereavement, unexpected illness (details of unexpected or exceptional circumstances for which variation can be considered are discussed in clauses 7.5 & 7.6 of the Assessment Policy and Procedures Manual). Variation to assessment in unexpected or exceptional circumstances should be discussed with your course coordinator as soon as possible.

**Special circumstances**, for example religious observance grounds, or community services (details of special circumstances for which variation can be considered are discussed in clause 7.8 of the Assessment Policy and Procedures Manual). Variations to assessment in expected circumstances must be requested within the first two weeks of the course (or equivalent for accelerated or intensive teaching).

More information about variation to assessment may be found by consulting the relevant policy:  
<http://www.unisa.edu.au/policies/manual/default.asp> (sections 3 and 7).

## Academic Integrity

The university aims to foster and preserve the scholarly values of curiosity, experimentation, critical appraisal and integrity, and to foster these values in its students.

Academic integrity is a term used at university to describe honest behaviour as it relates to all academic work (for example papers written by staff, student assignments, conduct in exams, etc) and is the foundation of university life. One of the main principles is respecting other people's ideas and not claiming them as your own. Anyone found to have used another person's ideas without proper acknowledgement is deemed guilty of Academic Misconduct and the University considers this to be a serious matter.

The University of South Australia wants its students to display academic integrity so that its degrees are earned honestly and are trusted and valued by its students and their employers. To ensure this happens and that students adhere to high standards of academic integrity and honesty at all times, the University has policies and procedures in place to promote academic integrity and manage academic misconduct for all students. Work submitted electronically by students for assessment will be tested using the text comparison software **Turnitin**.

More information about academic integrity and what constitutes academic misconduct can be found in Section 9 of the Assessment Policies and Procedures Manual (APPM) at: <http://www.unisa.edu.au/policies/manual/> or on the Learning and Teaching Unit website at: <http://www.unisa.edu.au/ltu/integrity/default.asp>

## Action from previous evaluations

Students will be invited to submit an evaluation of the course by anonymous questionnaire, which will be emailed to students in the last weeks of the course.

## Conceded and Terminating Passes

Conceded and Terminating passes are not available in this Subject.

# Study Schedule

## OUA Study Period 6 - 2014

	Weeks	Topic	Assessment Details (Adelaide Time)	Public Holidays
1	21 - 27 July	Week 1 - Introductory Remarks		
2	28 July - 3 August	Week 2 - Performance Measurement Introduction to Principles, Concepts & Approaches		
3	04 - 10 August	Week 3 - Asset Performance Measurement Investigation of Key Concepts & Features		
4	11 - 17 August	Week 4 - Asset Performance Management Model Phase 1 Asset Performance Assessment		
5	18 - 24 August	Week 5 - Asset Performance Management Model Phase 2 Asset Strategy Development		
6	25 - 31 August	Week 6 - Translating Strategy to Asset Management Plans	Individual assignment due 29 Aug 2014, 2:00 PM	
7	01 - 7 September	Week 7 - Building Compliance Obligations		
8	08 - 14 September	Week 8 - Life Cycle Costing		
9	15 - 21 September	Week 9 - ESD A Global Perspective		
10	22 - 28 September	Week 10 - ESD The Green Building Challenge		
11	29 September - 5 October	Week 11 - ESD Design Guide for New Buildings		
12	06 - 12 October	Week 12 - ESD Design Guide for Existing Buildings		Labour Day 6/10/2014
13	13 - 19 October	Week 13 - Course Summary Remarks	Group Assignment due 17 Oct 2014, 2:00 PM	