



Asset Management Systems

Offered by CQUniversity
as part of the Power Generation Skills Development program

7 - 9 November, Gladstone

Asset Management Systems

Course code: ENPG21001

Course description

This course provides an overview of Asset Management Systems. It is intended to optimise the lifespan of assets through integrated approach linking systems, asset strategies and analysis of failures for corrective and preventive measures to enhance reliability, availability, maintainability, safety and security. Asset Management Systems helps to maximise service and minimise the cost and risk factors of operational assets. Effective asset management can make the difference between profit or loss, compliance or non-compliance and leading the market or falling behind. This course introduces a risk based approach to decision-making in asset management.

Presenter

Professor Gopi Chattopadhyay is the Head of Engineering, Post Graduate Programs at CQUniversity Australia. He is a lead researcher for the Centre for Railway Engineering (CRE) and Process Engineering and Light Metal (PELM) research centres with expertise in asset management, maintenance and reliability.

Gopi has a Bachelor of Engineering (Mechanical, Gold Medallist 1979), Master of Engineering (Industrial Engineering, Gold Medallist 1982), Master of Business Administration and PhD in Mechanical Engineering in the area of reliability, warranty cost and risk modelling from the University of Queensland. He has 14 years of experience as an engineer and manager in design and development and operations management including maintenance as well as 17 years of experience in the areas of Engineering Management, Asset Management, Maintenance and Reliability at University of Queensland, Queensland University of Technology and CQUniversity Australia.

Power Generation Skills Development

The Power Generation Skills Development program is a joint initiative of Queensland's three Government-owned power generators, Stanwell Corporation, Tarong Energy and CS Energy and three of Australia's leading universities, The University of Queensland (UQ), Central Queensland University (CQU) and Queensland University of Technology (QUT). The Program offers a range of 16 courses developed specifically to meet the skills and training needs of the power industry. More information is available from www.powergeneration.edu.au

Courses delivered by CQUniversity can be taken on an individual basis or as part of a postgraduate program e.g. Graduate Certificate, Masters of Engineering at any of the partner universities. CQUniversity also offers a Graduate Diploma.

Who should attend?

The Power Generation program has been developed to improve the technical competency of professional engineers and those working in para-professional roles within the power sector.

This course will benefit:

- Maintenance supervisors and coordinators
- Plant and maintenance engineering staff
- Operations engineering staff and supervisors
- Technical support staff



Application details

Asset Management Systems (ENPG21001) can be taken as a stand-alone (non-award) course at CQUniversity or as part of a postgraduate program offered at each of the partner universities.

Available programs: Graduate Certificate, Graduate Diploma*, Masters.

Application deadline for non-award and/or for students who wish to commence a postgraduate program in power generation at CQUniversity: 21 October 2011

Continuing CQUniversity students are required to enrol online by 21 October 2011.

More information is available at www.powergeneration.edu.au

Venue

Asset Management Systems (ENPG21001) will be conducted at CQUniversity, Gladstone campus. Room and building - to be advised.

Ample parking is available.

Price and payment details

\$3250.00 (includes course handouts and refreshments)

Further payment details are available from www.cqu.edu.au



For more information and for contact details, please visit www.powergeneration.edu.au

*Graduate Diploma available at Central Queensland University only



2011 Power Generation Skills Development courses

Course/Subject code	Title	University	2011 Delivery dates	Location
Semester 1, 2011				
EPG001	Introduction to Power Plant	QUT	Block A1: 1 - 3 February Block A2: 8 - 10 February Block B: 8, 9 March	Block A: Tarong Power Station, Nanango Block B: QUT, Gardens Point, Brisbane
ELEC7052	Plant Control Systems	UQ	Block A: 21 - 23 February Block B: 28, 29 April	UQ St Lucia campus, Brisbane
MECH7350	Rotating Machinery	UQ	Block A: 28 - 30 March Block B: 30, 31 May	UQ St Lucia campus, Brisbane
EPG011	Industrial Electrical Power Distribution	QUT	Block A: 3 - 5 May Block B: 24, 25 May	QUT, Gardens Point, Brisbane
ENPG22003	Plant Materials	CQUniversity	Block A: 11 - 13 May	CQUniversity, Gladstone campus
Semester 2, 2011				
EPG015	Protection of Industrial Power Systems	QUT	Block A: 6 - 8 July Block B: 21, 22 July	QUT, Gardens Point, Brisbane
ELEC7051	Transformer Technology Design and Operation	UQ	Block A: 18 - 20 July Block B: 29, 30 September	UQ St Lucia campus, Brisbane
ENPG22002	Bulk Materials and Waste Products	CQUniversity	Block A: 27 - 29 July	CQUniversity, Gladstone campus
EPG001	Introduction to Power Plant	QUT	Block A1: 2 - 4 August Block A2: 9 - 11 August Block B: 23, 24 August	Block A: Tarong Power Station Block B: QUT, Gardens Point, Brisbane
EPG006	Applied Thermodynamics	QUT	Block A: 6 - 8 September Block B: 11, 12 October	QUT, Gardens Point, Brisbane
MECH7260	Gas Plant and Systems	UQ	Block A: 27, 28 September Block B: 18, 19 October	UQ St Lucia campus, Brisbane
EPG005	Project Delivery	QUT	Block A: 4 - 6 October Block B: 24, 25 October	QUT, Gardens Point, Brisbane
ENPG21001	Asset Management Systems	CQUniversity	Block A: 7 - 9 November	CQUniversity, Gladstone campus

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