



Bulk Materials and Waste Products

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

27 - 29 July, Gladstone

Bulk Materials and Waste Products

Course code: ENPG22002

Course description

Generating plants process significant amounts of fuel and waste products. The reliable operation and effective maintenance of bulk materials transport and processing systems is crucial to the successful operation of a power plant. The inherent nature of many conventional power generation plants and processes means that waste products and emissions will be created. This course will provide students with an understanding of the key factors and issues to be considered in relation to the conveyance of bulk materials and waste products, including the relationship between the processing of raw materials, power generation processes and waste materials and emissions management. The student will be able to assess methods for control and capture of emissions and the benefit to the environment.

Presenter

Dr. Abdul Md Mazid has obtained his MSc in Mech Engineering (6 years integrated course) with Honours specialising in Manufacturing from Volgograd State Technical University, Volgograd, Russia. He obtained his PhD in Manufacturing from Moscow State Technological University STANKIN.

Mazid was the major contributor of Mechatronics Engineering development team at Monash University for seven years. He has developed and taught several mechatronics and advanced manufacturing subjects at Monash University Melbourne.

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

Bulk Materials and Waste Products (ENPG22002) 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: 24 June 2011.

Continuing CQUniversity students are required to enrol online by 24 June 2011.

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

Price and payment details

\$3250.00 (includes course handouts and refreshments)

Fees are calculated each term on the basis of a student's enrolment. Fee notices are made available to all students approximately 3 to 4 weeks prior to the commencement of each term.

Further payment details are available at <http://mycqu.cqu.edu.au>.

Venue

Bulk Materials and Waste Products (ENPG22002) will be conducted at CQUniversity, Gladstone campus. Room and building - to be advised.

Ample parking is available.



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	Gladstone
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	Gladstone
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	Gladstone

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

*Graduate Diploma available at CQUniversity only