



e-Bulletin : January 2011

Participating
Organisations



THE WORK-BASED ROUTE TO PROFESSIONAL QUALIFICATION

First MSc Professional Engineering graduate!

Dean Carran has become the first graduate from the MSc Professional Engineering programme offered by Kingston University. Working for JNDC Ltd, a Farnborough based engineering consultancy, Dean has a first class honours degree in Aerospace Engineering Design and was keen to progress to becoming a Chartered Engineer.

Dean (pictured here with Deborah Seddon from the Engineering Council) was attracted to the MSc Professional Engineering as it offered exactly what he was looking for: academic supervision to assist him in meeting the academic requirements of the MSc, as well as an industry supervisor who guided and advised on how to align the course deliverables with the requirements of his professional institution (IMechE) to demonstrate CEng competencies.

In line with the framework for the MSc, developed by the Engineering Council and partners, live company projects were used in Dean's MSc Learning Agreement, ensuring that his work for the MSc was also directly relevant and beneficial to his employer.

Jon Prichard, Chief Executive Officer at the Engineering Council said: 'We would like to congratulate Dean on being the first graduate of the MSc in Professional Engineering, and hope that he is the first of many. The Engineering Council has been very pleased with the take up of these degree programmes and has received positive feedback from students, employers, universities and the professional engineering institutions involved.'

A case study that includes Dean's experience, as well as his employer's and Kingston University's views about this MSc, can be found on the Engineering Gateways website at:

<http://www.engc.org.uk/engineering-gateways/case-studies>



Positive feedback about the MSc Professional Engineering

Following the very encouraging independent review of the Engineering Gateways pathway in 2010, the next step has been to collect and publish case studies. Each case study includes comments from the participant, their employer and the university. The comments reveal a good level of satisfaction with the MSc, with particular support for the work-based and flexible nature of the programme, the ability to tailor the programme to an individual's workplace activities and the opportunity for self-directed learning.

The case studies are available at <http://www.engc.org.uk/engineering-gateways/case-studies>. More case studies illustrating the range of individuals and employers involved would be welcome. Please contact Deborah Seddon if you would like to contribute a case study: dseddon@engc.org.uk

Invitation for universities

A meeting for universities about the Engineering Gateways framework will be held at the Engineering Council on 2 March. This is an opportunity for universities to share experience and to learn about how others are doing things. It is for universities with MSc Professional Engineering programmes up and running or in development, as well as others who are interested in getting started. If you or a colleague would like to attend, please email Lucy Hockley lhockley@engc.org.uk

Programmes available at
Aston University, University of
Hertfordshire, Kingston
University,
Northumbria University,
Staffordshire University

*Professional Engineering
Institutions*
BCS, CIBSE, ICE, IChemE, IED,
IET, IMarEST, IMechE, InstMC,
IPEM, RAeS, SOE

Industry Representatives
COGENT, ECITB,
SEMATA

This list will be updated as further
organisations become involved

Contact Details

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IMarEST becomes the latest participant

Engineering Gateways continues to grow. The Institute of Marine Engineering Science and Technology has ratified the protocol with the Engineering Council, bringing the number of participating professional engineering institutions to twelve. Universities can now promote their MSc or Bachelors Professional Engineering programmes to employees in a wider range of engineering disciplines.

Aston University's programmes go international



Back row left to right: Bill Glew (Aston University), Neela Lubojacky (Engineering Council), Eric Jones (BP), Irene Elwin (BP), Robert Berry (Aston University).

Front Row left to right: Paul Rodgers (BP), Professor Helen Higson (Senior Pro Vice Chancellor, Aston University)

Following a pilot programme involving four students, Aston University has formally agreed with BP Angola the long term delivery of the MSc Professional Engineering in Angola. This is aimed at the BP Challenge graduates who are seeking to become Chartered Engineers. The numbers enrolled have now more than doubled and their institution membership spans IET, IMechE and IChemE. 'We have ironed out the challenges associated with running a programme overseas and are planning to have up to 20 Angolan students enrolled by April 2011, and we are shortly starting a second programme for BP in Indonesia', reports Bill Glew, Programme Director at Aston.

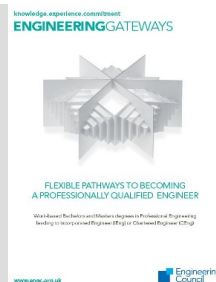
Aston is actively looking to develop further programmes in other countries where serious interest has been identified.

The Engineering Gateways Steering Committee discussed international provision some time ago and a statement about access for those based outside the UK is available on the website <http://www.engc.org.uk/engineering-gateways/access-for-those-based-outside-the-uk> A full list of participating universities and PEIs appears on the right hand side of this bulletin. Other universities are planning to launch programmes in 2011.

The leaflet outlining the framework and the benefits can be downloaded at <http://www.engc.org.uk/education--skills/engineering-gateways> or hard copies are available from info@engc.org.uk

Find out more about Engineering Gateways at <http://www.engc.org.uk/engineering-gateways/>

Enquiries to dseddon@engc.org.uk



The Engineering Gateways Project is part of a project initially funded under the government's DIUS-funded 'Gateways to the Professions' initiative. It aims to provide a route to professional qualification for working engineers without the full exemplifying qualifications who are unable to commit to full-time study. Employees are able to demonstrate the required competences for professional registration (UK-SPEC) at the same time as meeting the learning objectives for an academic qualification

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