This new course provides hands-on instruction for building, developing and applying spreadsheet economics, risk, finance and decision evaluation models to a range of projects along natural gas supply chains. The course is built around a series of workbook modules compatible with Excel 2010, 2007 and 2003 versions. Delegates are required to bring their own laptops loaded with a functioning version of Excel (i.e. 2003, 2007 or 2010 version) for use during the course. Delegates are provided with a number of spreadsheets to load and then develop into increasingly sophisticated economic evaluation models for use in evaluating a range of investment opportunities. Some basic knowledge of operating Excel software is required, but detailed computer modelling expertise is not essential. The emphasis is on fit-for-purpose gas industry model applications rather than developing spreadsheet skills. The course is structured in time into approximately one-quarter theoretical instruction and three-quarters practical, hands-on facilitated spreadsheet model development. Brief PowerPoint presentations are delivered to review the key requirements and objectives of gas industry project economics and these will lead swiftly into the practical sessions. The economic analysis theory sessions also aim to provide insight to the key economic issues impacting the gas supply chain. Many companies make extensive use of proprietary economic modelling software, often requiring macros to be built to evaluate case-specific problems. In such cases, even though spreadsheets may not be used routinely, it is of enormous benefit for analysts and decision-makers to understand how such models can be built, developed and manipulated on a spreadsheet platform. Spreadsheets in conjunction with built-in functions, add-ins and VBA macros provide an extremely powerful platform for such analysis. The course practical sessions will demonstrate how such features can be simply and effectively harnessed to build quite sophisticated, but highly functional, analytical models.

Course notes are issued in digital format.

For more information please contact Nick Wilkinson e: nwillkinson@energyinst.org
EI Oil and Gas Training

Registration form

To register, by post or fax, please complete this registration form in BLOCK CAPITALS and return it to the address below, together with payment of all fees. Nick Wilkinson, EI Oil and Gas Training, Energy Institute, 61 New Cavendish Street, London W1G 7AR, UK.

I confirm that I have read and agree to the conditions of registration as specified in the General Information section.

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For more information please contact Nick Wilkinson

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