



The Royal Academy  
of Engineering



National  
**HE STEM**  
Programme



University  
Technical  
Colleges

## **HE STEM Support for University Technical Colleges (UTCs)**

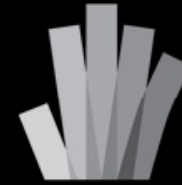
**A national conference seminar and colloquium  
series**



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## **HE STEM Support for University Technical Colleges (UTCs)**

**14-19 Curriculum Models**

**PPD for University Students/Others**

**Wolverhampton Loughborough Harper Adams**

**Cambridge Staffordshire (May)**

**Authentic/Contextual Curriculum**

# THE JCB ACADEMY AUTHENTIC CURRICULUM THE ENGINEERING EDUCATION CONFERENCE

JCB ACADEMY, ROCESTER, STAFFORDSHIRE. 25-26 JUNE 2012



The Royal Academy  
of Engineering



THE ROYAL ACADEMY OF ENGINEERING AND THE JCB ACADEMY ARE BRINGING TOGETHER INDUSTRY AND EDUCATION PROVIDERS FOR A TWO-DAY COLLOQUIUM ON ENGINEERING CURRICULUM DEVELOPMENT. THIS NOT TO BE MISSED EVENT HAS BEEN ORGANISED IN THREE PARTS:

### PART 1

The opportunity to visit the prestigious JCB Academy and see how engineering students and staff are working with the curriculum.

### PART 2

A private dinner to hear about the ideas for a new engineering education network.

### PART 3

Presentations from JCB Academy partner organisations, JCB staff and students showcasing their authentic engineering education programmes.

### THE COLLOQUIUM WILL BE OF INTEREST AND RELEVANCE TO:

- University Technical Colleges
- Aspiring UTC consortia
- Specialist Engineering Academies and Schools
- Employers with a responsibility for educational development
- JCB partner organisations

CLICK HERE FOR FURTHER PROGRAMME DETAILS AND BOOKING INFORMATION. PLACES ARE GOING FAST, SO PLEASE CONTACT US BEFORE XX XXXX 2012 TO RESERVE YOUR PLACE.



# THE JCB ACADEMY AUTHENTIC CURRICULUM THE ENGINEERING EDUCATION CONFERENCE



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## PROGRAMME DETAILS

### DAY 1 INTRODUCTIONS

- 10:00 Arrival at JCB Academy  
Introduction from Jim Wade, Principal  
Learning in the Academy  
Lunch  
Tour

### DAY 2 MAIN CONFERENCE DAY

- 10:30 Arrival and Coffee  
11:00 The Authentic Curriculum – Royal Academy of Engineering and JCB Academy  
11:30 Managing authentic curriculum development – strategy, time, cost  
12:30 Plenary – key issues  
13:00 Lunch and networking  
13:30 On the receiving end
  - Timetables
  - How students perceive the curriculum
  - Do's and don'ts
  - Timeless concepts14.30 Example curricula
  - Network Rail
  - National Grid
  - JCB
  - Bosch
  - Toyota15:00 Tea and networking



**DATE:** 25–26 JUNE 2012

**VENUE:** JCB ACADEMY

**COST:** £xx.xx

#### FOR FURTHER INFORMATION

Les Jones  
Royal Academy of Engineering  
Communications  
les@solutions4schools.org.uk  
07802 43 99 61

#### Useful click links

- [Download a booking form >](#)  
[Directions to JCB Academy >](#)  
[Contact the organiser >](#)

#### Supported by





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## **HE STEM Support for University Technical Colleges (UTCs)**

**A national seminar on 14-19 STEM curricula  
and technical qualifications in UTCs**

**Black Country UTC**

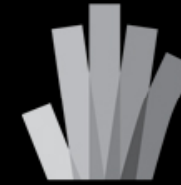




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## Programme

10.00 am Arrival and coffee

10.30am **Welcome Les Jones Seminar Series Project Leader** Chris Hilton Principal Black Country  
UTC

10.40 am **Developing the technical curriculum 1: Jim Wade Principal JCB Academy**

11.00am Tour of UTC

11.40 am **Developing the technical curriculum 2: Kate Tague Vice Principal**

12.10 pm What Curriculum in UTCs?: A national perspective. Prof Matthew Harrison,  
Director, Education. Royal Academy of Engineering.

1.00 pm **Lunch and networking**

1.45 pm Technical qualifications: Examining Groups

**Geoff Holden City and Guilds, Marc Booker AQA. Dianne Gomery Strategic  
Partnership Manager, Pearson Chair Adrian Miller.**

2.40 pm Final Discussion of day and next steps

**David Harbourne Baker-Dearing Educational Trust, Les Jones Royal Academy of  
Engineering.**

3.30 pm Tea and Departure