Industry Collaboration in CEM
Purdue, May 2012

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Areas of Collaboration

- Teaching and Learning
- Research and Innovation
- Enterprise and Engagement
Teaching and Learning

- Sponsored programme variant
- Guest lectures embedded within the curriculum
- Informing programmes through advisory groups
  - Exam boards
  - Curriculum design
  - Professional accreditation
  - Career advise and increasing aspirational capacity
- Part time study
- Real life project both as retrospective studies and ‘live’ projects e.g. Multi-Disciplinary projects
- Placements, internships, project work
- Professional Doctorate
Research and Innovation

• Government sponsored research with industrial membership, including EU, British Council, etc.
• Impact of research in practice
• Collaborative research across the spectrum of the Technology Readiness Levels (TRLs)
• Co-Development of research agendas
• Academic and industry as mutual critical –friends
• PhD and Masters sponsorship
• Opportunities for constructive research – from knowledge generation to knowledge application
• Research into Teaching
• Construction as a high-innovation sector
Enterprise and Engagement

• Knowledge Transfer Partnerships
• Training for professional, e.g. to enable higher adoption and diffusion rates
• Consultancy
• Industrial groups, professional bodies, etc.
• Non-exec participation from Academia
• Continuous Professional Development
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