

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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