"Capstone Design"

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**Computer Science Discipline
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CARSELDINE
KELVIN GROVE
GARDENS POINT
QUT
Queensland
Sunshine Coast
← Brisbane
Gold Coast

2

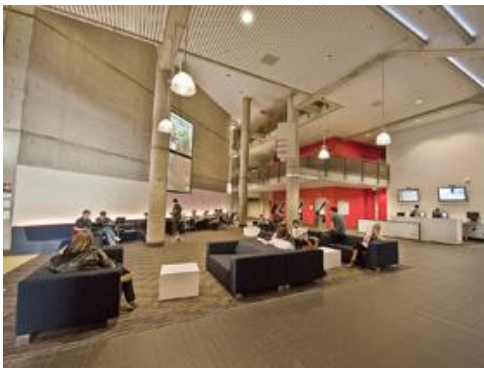# Queensland University of Technology (QUT)

In the top 10 universities in Australia (Melbourne University ranking)

40,000 students (Over 6,000 international students)
- 30,000 Undergraduates
- 10,000 Postgraduates

Two main campuses within 10 min drive
- Gardens Point- in the heart of city
- Kelvin Grove- inner city suburb

Brisbane CBD

Seven Faculties at QUT

o   Built Environment and Engineering

o   Business

o   Creative Industries

o   Education

o   Health

o   Law

o   Science and Technology

Ambitious research agenda –
especially
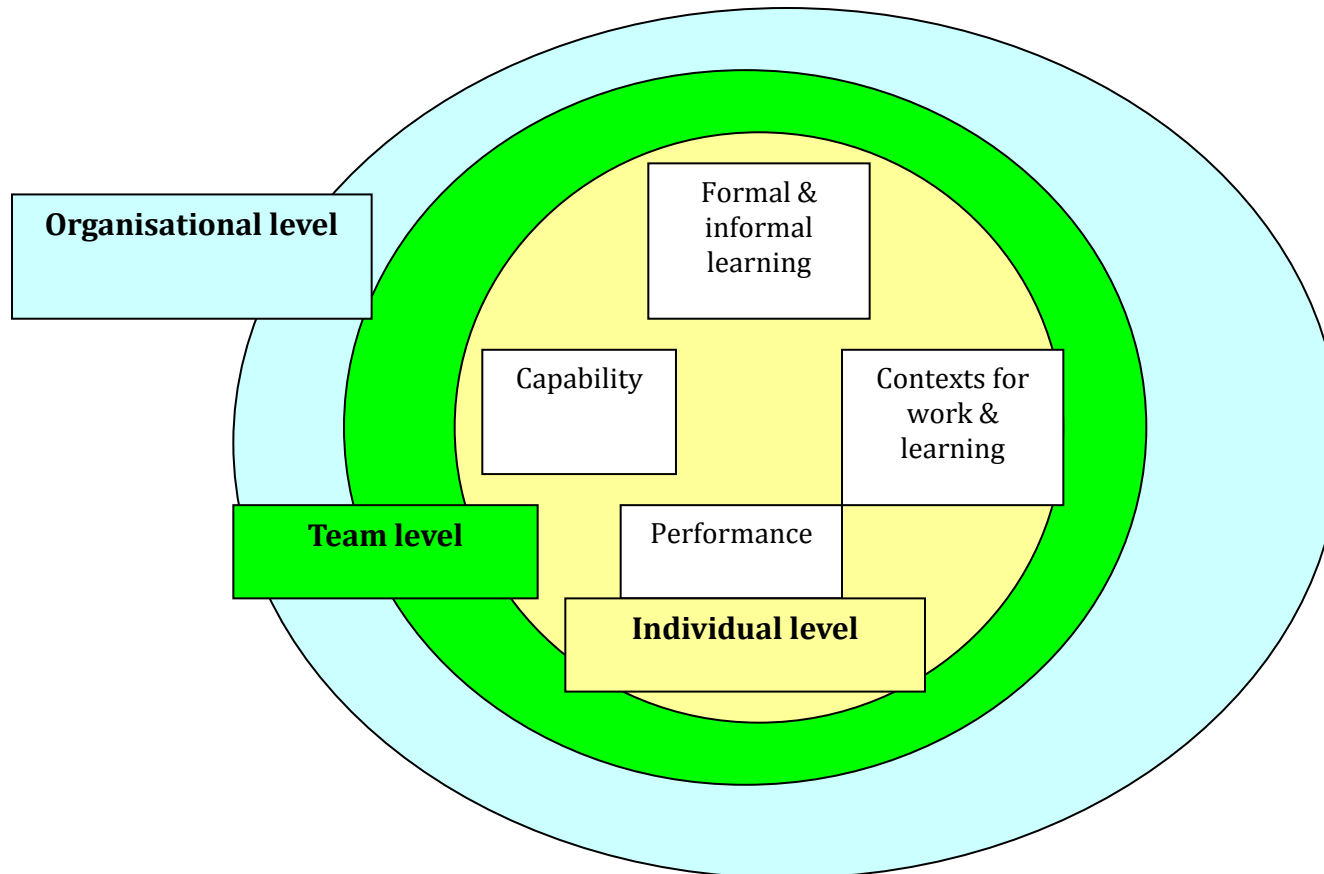Science, Technology, Engineering
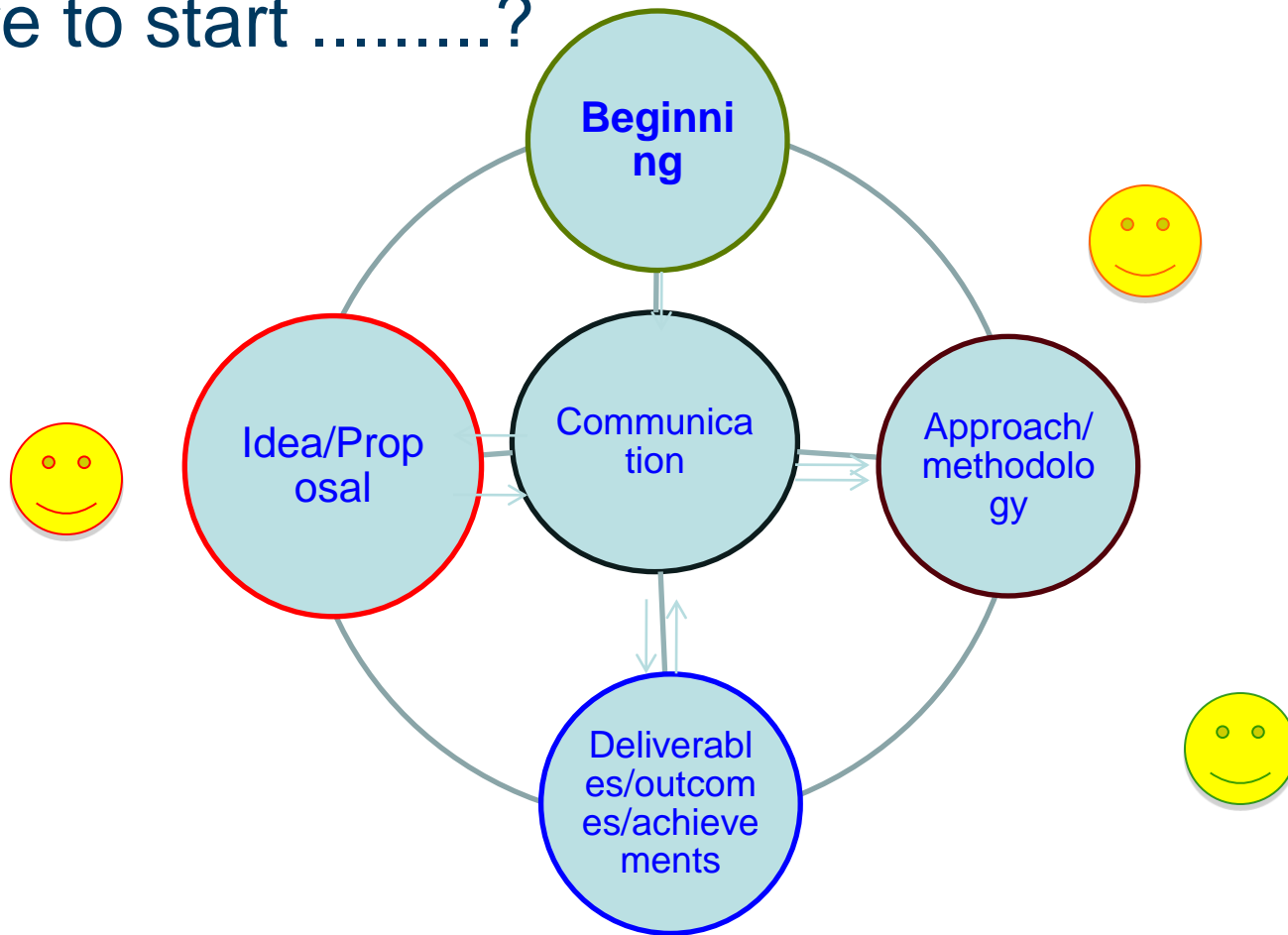and Mathematics (STEM)

Learning Model

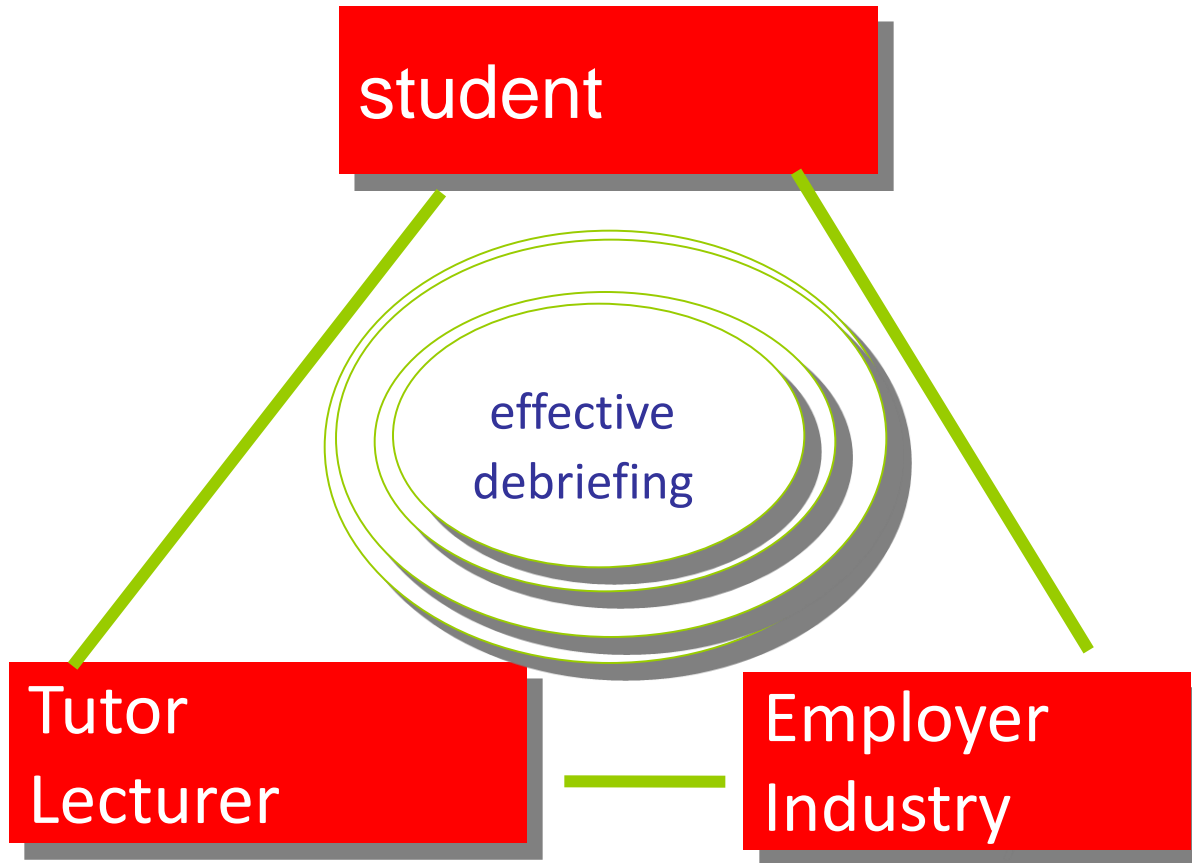**Figure 1: Key aspects of workplace learning [Source: Eraut 2009, p 3]**

Where to start ....?

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Effective work experience → Quality Pyramid

student

effective debriefing

Tutor Lecturer

Employer Industry

a university for the **real** world ®

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CRIC

Why some students are not performing well in the classroom however doing well in the industry?
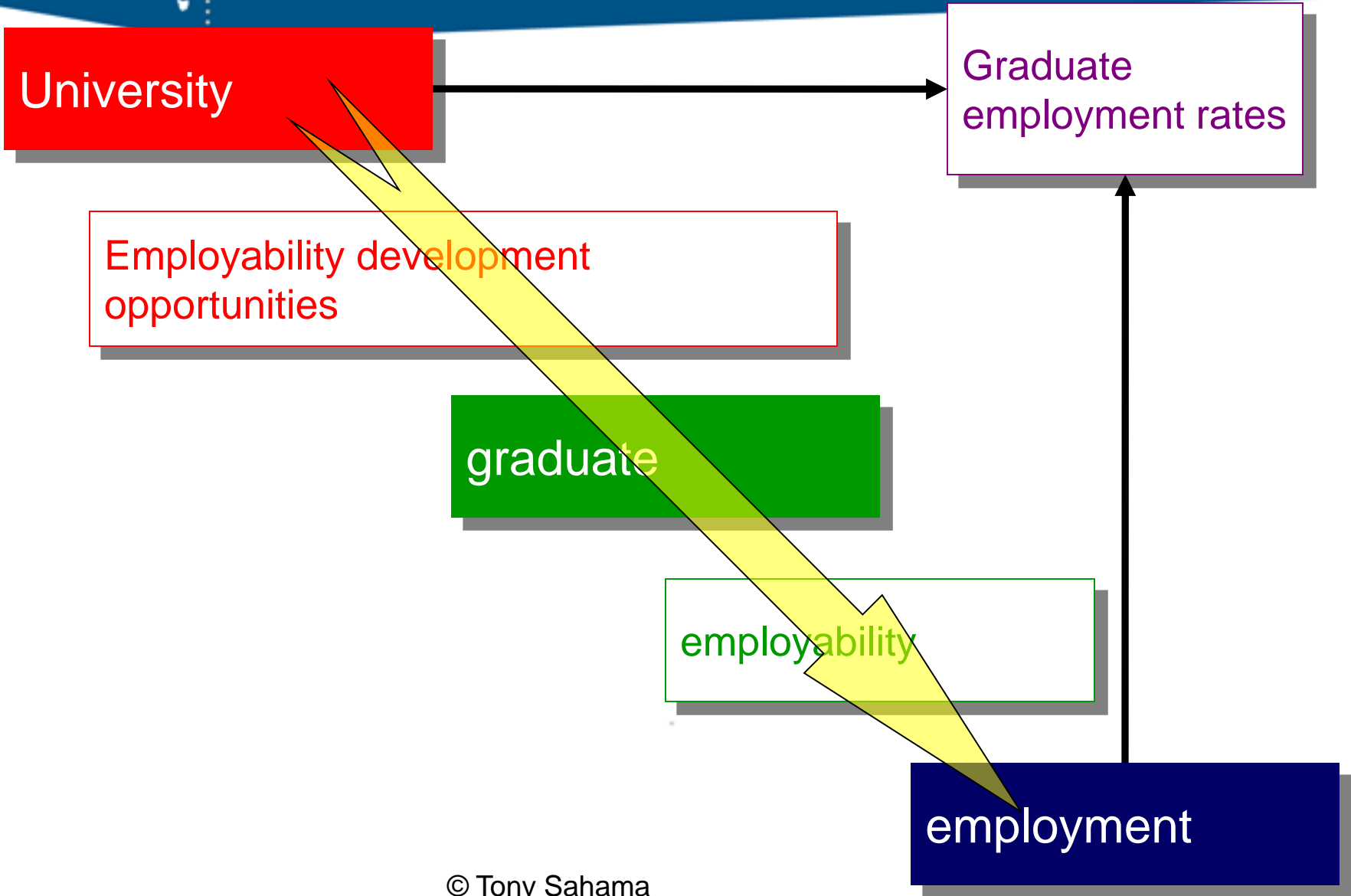
University

Graduate employment rates

Employability development opportunities

graduate

employability

employment

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Model

Subject area

HEI → Employability development opportunities

Graduate

engagement

pedagogy

- employability attributes
- work experience
- self-promotional skills
- willingness to develop

Extra-curricular experiences

reflection

Employability

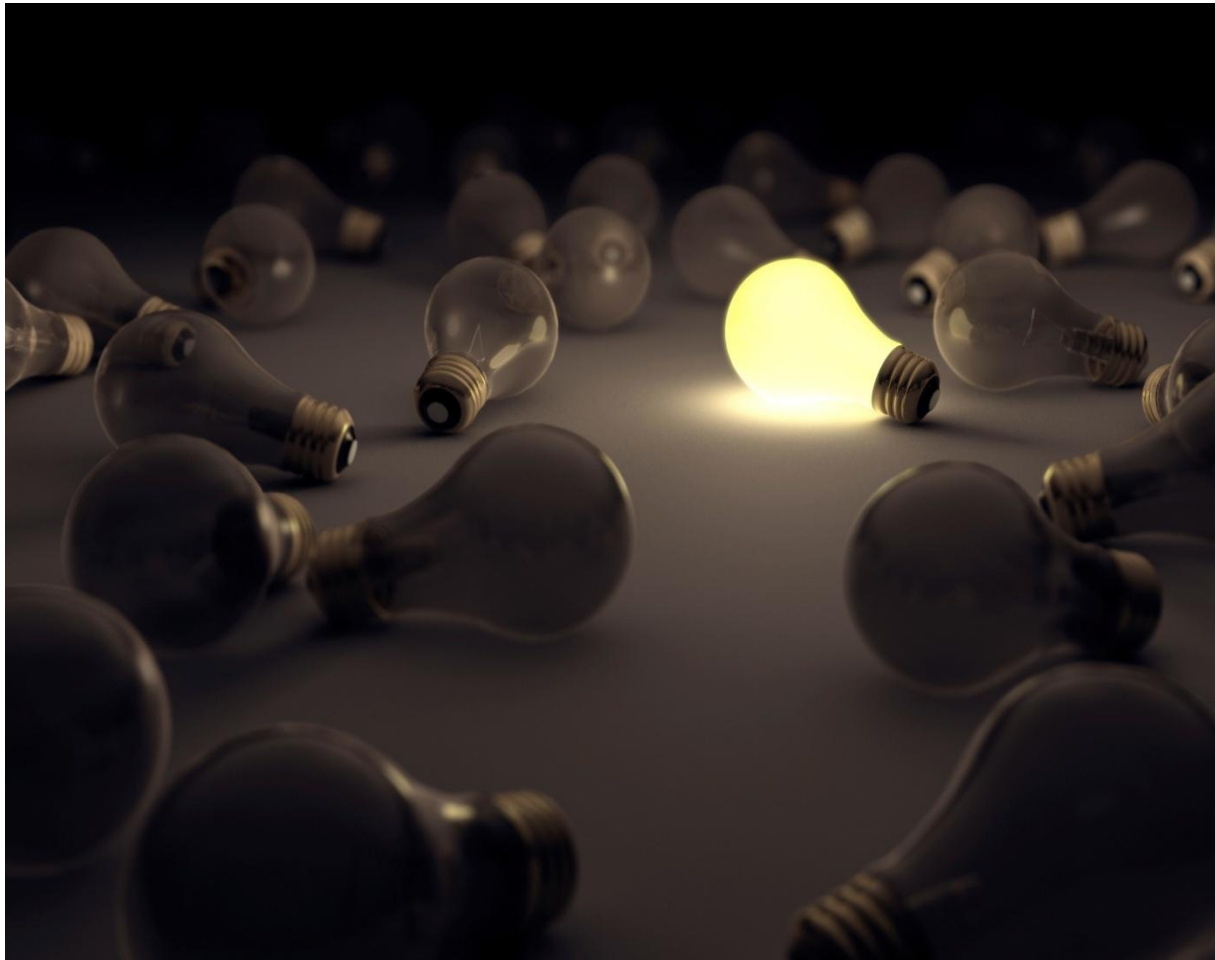External factors

articulation

Employer → Recruitment → Employment

Market → Portfolio → Self-employment

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How industry view students in the workplace

Why it is critical to work in an Industry-Classroom collaborative environment?

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Discussion