

Steve Leahey
Sharing The Leigh UTC Vision
14th July 2015



The Vision

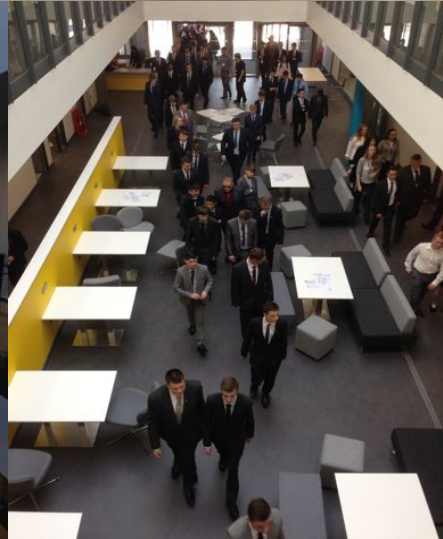
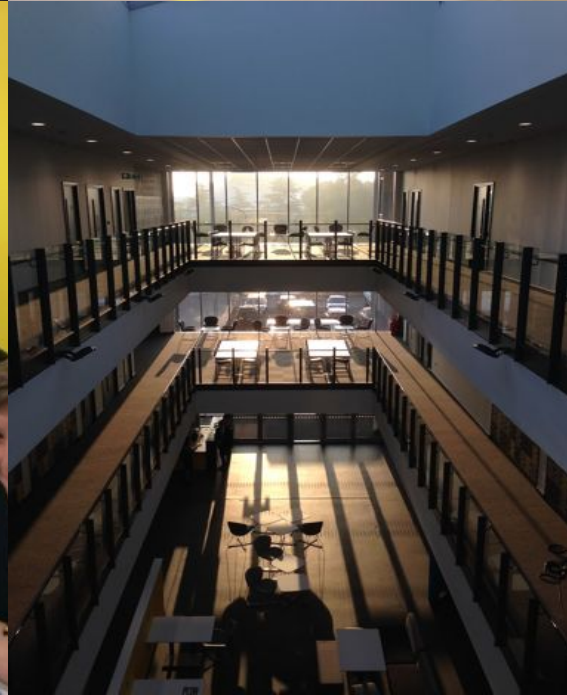
- The Leigh UTC has a clear vision to be a distinctive education provider for outstanding STEM learning. Our newly-built centre of excellence will enable up to 600 young people from across the region to learn from a personalised curriculum, which emphasises the practical application of academic and technical learning through Project Based Learning.
- We will develop the next generation of 'world-class' engineers & computer scientists by inspiring them passionately through a bespoke academic curriculum, delivered by a combination of Higher Education sector staff, Business entrepreneurs and UTC staff.



To realise our ambition **7 key** principles have been developed which provide the foundation for the distinctive approach to learning that the UTC will provide and develop.

- **An innovative employer-led curriculum that specifically reflects the diversity of engineering & computer science skills required in the businesses of our partners, both locally and Internationally.**
- **A local, national and International reputation for technical excellence in Engineering and Computer Sciences education.**
- **Provide an exciting and vibrant environment where students are enthused and motivated through the relevance of all of their learning in their future adult lives.**
- **Develop young female/male engineers with the aspirations, passion and talent to be successful in their career choices through the provision of a high-quality technical education.**
- **Ensure that the most able students can proceed to top universities to follow scientific and engineering courses.**
- **Promote and develop community regeneration, including encouraging engineering and IT development companies to the area**
- **Secure high aspirations for young people through the provision of a comprehensive high-quality technical education.**

Inside The Leigh UTC



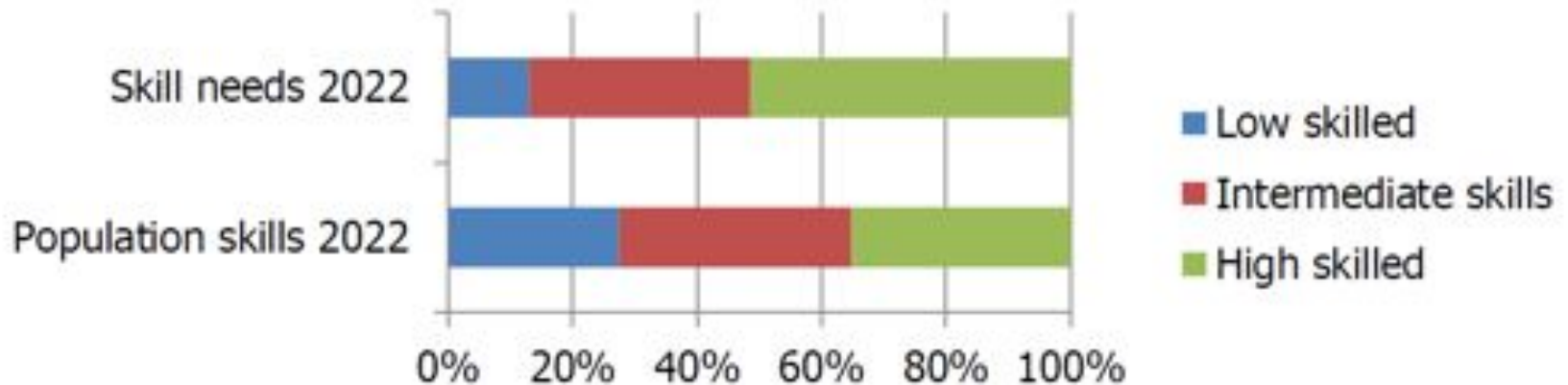
The Future of Work

Jobs and
Skills in 2030

How do we educate young people to be able to manage their employability and careers for the future

Teaching Employability!

- Currently the average skill level of the UK population is equivalent to 'Level 2.3'.
- We have to lift the current workforce to 'Level 3.0' by 2022 to satisfy the future labour market.



Reducing the skills gap

conclusion

- Level 3 , the new benchmark, to reduce the 'skills gap'
- Overwhelming international evidence for the benefits of 'earning and learning' (flexible study programme/apprenticeships L3/L4)
- Relevant vocational education in partnership with employers (a 'two way street')
- Emphasise education and training for life: 'never stop learning'

What is employability?

“A set of achievements, skills, understandings and personal attributes, that make graduates more likely to gain employment and be successful in their chosen occupations, which benefits themselves, the workforce, the community and the economy.”

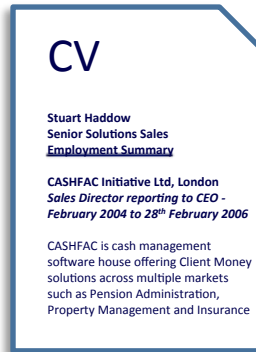
Professor Mantz Yorke (2004)

Or should it be

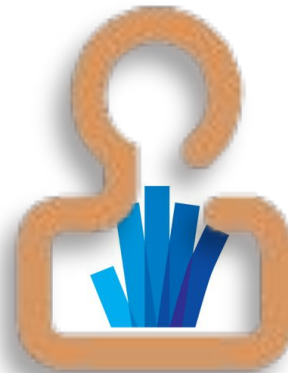
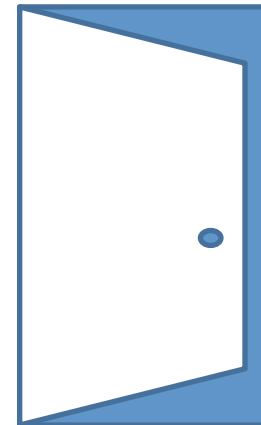
*“Employability refers to a person's capability for gaining and **maintaining employment**. For individuals, employability depends on the knowledge, skills and abilities they possess, in addition to the way they present those assets to employers. As such, employability is affected by both supply-side and demand-side factors which are often outside of an individual's control.”*

Measuring employability at the UTC

UTC Business
mentors



Interview
technique



Enrichment/ projects
Work experience



Qualifications
Apprenticeships



THE LEIGH
UTC

a University Technical College
for 14-19 year olds