Employability - The Student Perspective

Department of THE BUILT ENVIRONMENT

Christine Gausden RD FCIOB
Donald Deacy
Louise Witham

Subtleties & Nuances
Process

L4 < 7 Inception to Completion
Decide < design < deliver < dwell
Clients < architects / engineers / quantity surveyors - professional consultants – building services, IT, interiors, landscapes – < contractors < facilities management
Professions – Building Surveying, Construction Management, Project Management, Facilities Management

Research

Employers: students have technical knowledge but lack the experience to effectively apply this knowledge
- management skills to critically appraise & to prioritise

Students: employers demand experience but as a FT student & graduate how can you attain experience
- placements & sandwich options aside

Subtleties & Nuances
UoG Employability Descriptors 2016

Cognitive

Generic – CPD

Personal Capabilities

Technical Ability

Organisational Awareness

Practical & Professional Elements

Developing Online Identity

Subtleties & Nuances
UoG Employability Skillsets

ECS – cv – applications – interviews – job search

Cognitive Skills – *judgement & reasoning*

Generic Competencies – *writing skills* - *presentation skills* - *use of basic office tools* - *team working* - *problem solving* - *economics* - *business basic financial skills and case writing*

Personal Capabilities – *understanding of self and self-promotion* - *networking skills* - *career planning* - *job profiling related to self* - *understanding workplace culture* - *team working* - *problem solving*

Technical Ability – *course specific*

Organisational Awareness – *workplace focus*

Practical and Professional Elements – *workplace focus*

Developing Professional Online Identity – *workplace focus*

*Subtleties & Nuances*
SI MONUMENTUM REQUIRIS, CIRCUMSPICE

Subtleties & Nuances
Projects

Dreadnought – Maritime

Mansion

CAFC

Greenwich Peninsula

Stockwell Street

Pump House – Chatham

C4 – Medway

Creek Road

Subtleties & Nuances
Student Perspectives

Louise Witham
Stage 3 L6 FT Design & Construction Management

Donald Deacy
Stage 3 L6 PT Design & Construction Management

Subtleties & Nuances
Progression

80% of current stock has to remain in use 2050<

Level 4
Site Visits - Health & Safety Briefs - Tool Box Talks
PPE - Surveys - Defects - Materials - Welfare - Waste
CSCS Cards - Considerate Constructors - Roles – Responsibilities

Class Theory + Experiential Learning < Research

Subtleties & Nuances
Progression

Level 5
Surveys - Environmental Impact - Logistics - Programming, Measurement - CAD - Information Modelling - Procurement - Risk - Contracts
– application in context
Solo – Groups – Technology – Format  

Subtleties & Nuances

Level 6 < 7
Project Management - CSR - Rehabilitation - Obsolescence, - Sustainability - Investment - Regeneration - Industry & Strategy - Internationalisation - Facilities Management - Professions - Soft Landings - BREEAM
– debate, critically analyse, appraise, determine

ClassExs
VLs + CPD + Exhibitions + STEM + UTCs

Subtleties & Nuances
Example Project – Construction Management

Chatham Medway

Pump House
Grade 2 Listed
Building

Conversion of
Disused
Pump House to a
Gin Distillery

+ Visitor Centre
+ Boutique
Restaurant

Private Commercial
Client

Subtleties & Nuances
<table>
<thead>
<tr>
<th>Cognitive</th>
<th>Generic</th>
<th>Personal</th>
<th>Technical</th>
<th>Organisation</th>
<th>Professional</th>
<th>On-line</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>4</strong> Defining Teams</td>
<td>Tool Box Talks</td>
<td>Employability</td>
<td>Surveys CAD</td>
<td>RIBA Plan</td>
<td>Client Interface</td>
<td>Diary Presentations</td>
</tr>
<tr>
<td>Self Actualisation</td>
<td>Sustainability Legislation</td>
<td></td>
<td>Surveying Equipment</td>
<td>Professions &amp; Disciplines</td>
<td>Site Visits</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>CIOB</td>
<td>Project Team Interface</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Interface</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>5</strong> Managing Teams</td>
<td>Welfare</td>
<td>Skills Mapping &amp; Analysis</td>
<td>3D/4D software Microsoft Project</td>
<td>Government Interface</td>
<td>Mentoring</td>
<td>Blog</td>
</tr>
<tr>
<td>Cultural Impacts</td>
<td>Waste Wildlife</td>
<td></td>
<td></td>
<td>Company Strategy Economic Interface</td>
<td>Speed Dating Competitions</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>6</strong> Managing Change</td>
<td>BREEAM Logistics ISOs</td>
<td>Interviews</td>
<td>Critical Path Analysis Asset Management</td>
<td>Soft Landings &amp; Information</td>
<td>Ethics</td>
<td>Internet Profile Portfolio</td>
</tr>
<tr>
<td>Change International</td>
<td></td>
<td></td>
<td>Analysis Asset Management Environmental</td>
<td>Modelling Corporate Social</td>
<td>Professional Events &amp; CPD</td>
<td></td>
</tr>
<tr>
<td>Perspectives</td>
<td></td>
<td></td>
<td>Impact</td>
<td>Responsibility Strategic FM</td>
<td>Novus &amp; PDP</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Subtleties & Nuances**
Proof

https://quik.gopro.com/v/Nz3jnXPNFq/

Subtleties & Nuances