Developing Online Degree Apprenticeship Programmes: The Critical Ingredients

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Apprenticeships at Strathclyde

2017

First Graduate Apprenticeship Programmes launch

6

Graduate Apprenticeship Programmes

909

Graduate Apprentices since 2017

BEng (Hons) Engineering: Design & Manufacture

BA (Hons) Business Management

MSc Cyber Security

BSc (Hons) IT: Software Development

BSc (Hons) IT: Management for Business

BEng (Hons) Civil & Environmental Engineering
A project approach to module development

- Partnership
- Prince2 Project Management
- 3-Stage Design Model
- Quality Standards
- Governance

01 Prep & Planning
02 Development
03 Build
The key ingredients

- Project plan
- Training Upskilling Support
- Course design
- Pro video content
- Consistent visual style

Communication and Professional Respect

[University of Strathclyde Glasgow logo]
The video process

Define video content – media schedule

Film, edit, approve video

Check transcript / captions

Team collaboration / co-ordination

The tool embedded the process – "SEACOW"
The video process - production management

EO203 - Mechanical Engineering Principles

Video worklist - 106 videos total

Week 1

- EO203 Welcome to the module
- EO203 Welcome to week 1
- W01-01 Introduction
- W01-02 Density and pressure
- W01-03 Density and pressure - Worked example
- W01-04 Viscosity
- W01-05 Viscosity - Worked example
The video process - team co-ordination

When a new edit is available for review:
- **EMAIL**: Video Approver
- **ACTION**: Review video - Approve / add notes

When someone APPROVES A VIDEO:
- **EMAIL**: Video production lead
- **ACTION**: Upload to eStream and order captions

When eStream ID is linked to SEACOW:
- **EMAIL**: EE Lead
- **ACTION**: Add video to Myplace

When the CAPTIONS are ready for review:
- **EMAIL**: Transcript approver
- **ACTION**: Review transcript and finalise

When the captions are FINALISED:
- **EMAIL**: Video production lead
- **EMAIL**: EE lead
- **ACTION**: Upload SRT to eStream
- **EMAIL**: EE Lead
- **ACTION**: Upload PDF to Myplace

When someone adds EDIT NOTES:
- **EMAIL**: Video production lead
- **ACTION**: Re-edit and re-upload, delete edit.
Find $z_x$ and $z_y$ if $z + e^{z} - xy^2 = 0$

Equation defines $z(x, y)$ implicitly. Differentiate w.r.t. $x$: $z_x + z_y e^z$.
The video process - output
The video process - output
Completing the development

Course design = site map

Class consistent look and feel on VLE

Handover to teaching staff

Quality assurance

Transition to BAU
A scalable model

Applied to all course developments

Project, systems and process driven

Multi-skilled
(teaching, project management, technical, creative)

Professional trust, collaborative, collegiate
Thank you

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Education Enhancement

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