Collaborating & Co-Creating RAPHAS

A Staff CPD Small Private Online Course (SPOC) in Blackboard Train

RAPHAS is now running & open to self enrolment; Future extensions are planned e.g. Inclusion of microbytes pre/post refreshers on mandatory specialist equipment

Future Facing

RAPHAS was commissioned to address issues with standards of risk assessment submissions & compliance

Original

focus was for

with a view to

eventually

BBAS HAS

expanding

Required to bring UWE processes & implementation up to the standards required by the HSE & UK regulations, & reflecting globally agreed changes to hazard warning & chemical classification standards.

http://www.hse.gov.uk/risk/ http://www.hse.gov.uk/legislation/hswa.htm

The course has been deliberately designed as a portal to all the materials, sites & resources necessary for assessing, writing, submitting & endorsing of risk assessments in HAS. Enrolment on the course is ongoing, as content will continuously be added to and refined in line with the regular reviews of & changes to the status of agents, procedures & legislation. As well as HSE Audits & feedback, & changes to HAS & UWE internal standards.

This was the first commissioned course for staff CPD offered by the faculty of such size to be situated completely online, with no live teaching oversight.



"....technologies will never be used in any transformative sense until we change our

teaching methods." Hattie J.

learns in the act of teaching How is it we have so & whoever learns teaches in the act of learning know so little?

Globally Responsible

International agreements & standards have changed considerably over recent years.

Including agreed international standards for hazard warning pictograms, chemical & biological classifications, new areas of risk such as nano technologies & so on.

Changes in attitudes, legislation focussed on more sustainable practices, improved knowledge & new materials with new risks, have pushed reviews of established standards & systems internationally, nationally & within the institution.

http://www.hse.gov.uk/coshh/detail/coshh-clp-reach.htm

Many of us with years of experience, on reviewing the course, will realise how outdated much of what we knew as the best practice is.



measurable results as course only just released. Intended that RA returns drop & more crucially identified risk events are reduced. Feedback is welcomed as we continue to work on improving **RAPHAS**

RAPHAS as Portal centralising & simplifying access to all HAS RA resources

Ready & Able

The primary purpose of the course is to equip all staff with the requisite knowledge & skills to assess the hazards & risks associated with their labs/fieldwork & generate a safe, suitable risk assessment complying with the Health & Safety at Work Act 1974 Section 7a.

http://www.legislation.gov.uk/ukpga/1974/37/section/7 http://www.hse.gov.uk/enforce/enforcementguide/investigation/identifying-employees.htm

Why is this important?

Two recent cases in the national press highlight the relevance & importance of this courses aims and content; in providing students and staff with the protection appropriate risk assessment procedures should provide in their working processes & environments. Also protecting both staff & institution from the not inconsiderable possible consequences arising from poor practice. @UoB2017 PhD produced TATP explosive

> @NorthumbriaU. 2017 Uni fined after 'life-threatening' caffeine test

accidentally

Project Initiated -

Develop staff CPD course online

On Health & Safety Risk Assessment (H & S RA) procedures, standards, processes and practices (UWE, HSE UK, EU and Global International Standards)

Parameters:

: Target - bring CPD & UWE practices for RA up to HSE required standards

: No live course oversight or supervision

: Facilitate flexible learning and simpler access to

implementation of best practice and UWE resources for Risk Assessment

TEAM APPROACH

Lead Educator SME Dave Corry

Lab Manager Biomedical Research

Lab & field H & S & Risk Assessment expertise Management of UWE HAS RA Repository Opportunity to innovate from & develop the pre-existing workshops training for RA

Learning Technologist Ghizzi Dunlop

FE Biosciences Lecturer & HE EdTech

"While building new

technologies is easy (or

easy-ish), changing behaviors and cultures is much, much

Heutagogy / Pedagogy, blended & MOOC course design, content design & creation, course build & management

Resources

Risk Assessment Repository Original workshop files Edtech resources available Heutagogy of Online learning: Blended & MOOC experience of course design & implementation Opportunity to simplify access by developing

as central portal to all resources

Open sharing - 3R's

Design **Questions?** Who will do course? Why will they do it? How will they? When will they? Where will they? What will they be doing during it?

Requirements & limitations

Hosted on Blackboard Train - Issues with functionality - Limited

content space; Staff email for access only; No Live Teaching

Compliance with HSE UK; EU & International standards

SME Targets very busy; diverse prior knowledge;

SME usability drivers for design decisions,

focussed on their access needs

Required for UWE staff CPD & HSE & UWE audits

SMARTer objectives learner manages pace, selects content relevant to specific needs, shares in social elements &

Portal

Storyboard Est. 6 weeks duration @ 1-2 hrs p/w

& out

can choose to dip in Summative **Assessment:** Formative for self review. Summative occurs in the real world application & peer

Howard Thurman

Self-Reliant & Connected

Successful completion of RAPHAS will give staff both the knowledge & confidence to write good risk assessments, reducing risks to themselves, colleagues & students.

The process of studying in what for many, will be the first time of doing an online self directed course, should also promote self-reliance. As well as a better understanding of current students experiences of blended & online learning.

Participants are learning through sharing, finding suitably knowledgeable endorsers for their risk assessments via the course fora & accessing the course blog for up to date news.

diverse participant group Varied experience & prior knowledge in both Risk **Assessment** & Online Learning Course Time poor runs continuously; Staff self enrol & complete independently Self & Peer

Large

Heutagogy

Central Portal Accessible **Navigable** Specific Relevant **Engaging Timely**

OERs Open Educational Resources: Content created to be freely shared for 3Rs: Re-use, Re-purpose,

Re-mix



"Don't ask what the world needs." Ask what makes you come alive and go do it. Because what the world needs is more people who have come alive

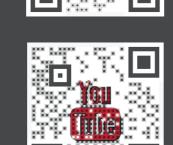
What we need is enabled staff, happily confident and capable as risk assessors and endorsers, and therefore a safer working environment for all staff and students.



Lab team contributors to RAPHAS: Natasha McGuire ~ Katy Hayward Jeff Davey ~ Alison Halliday Emma Griffin ~ Jonathon Hull

RAPHAS ~ Risk Assessment Procedures in HAS

Go to https://blackboardtrain.uwe.ac.uk In left hand Search box enter Risk; choose RAPHAS and enrol



Channel ~ Education Innovation Team @ HAS



Ghizzi Dunlop



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