

GradeMark for Electronic Marking and Feedback

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School of Health Sciences

Overview

- Why use e-marking and feedback
- The School of Health Sciences 2013-14 pilot
- Demonstration
- Questions and Answers

What do we already know?

- University of Glamorgan (2010) - Turn it in or Turn it off? A Pilot Project for Turnitin and Grademark Experience.
- University of Exeter (2012) – Online Coursework Management Evaluation.
- University of Glamorgan (2012) - Assessment Diaries & Grademark.
- University of Huddersfield (2013) - Evaluating the Benefits of Electronic Assessment Management.

Glamorgan 2010

104 students from 4 Faculties

Positives

- Convenient
- No need for hard copies
- Raises awareness of plagiarism
- Easy to use
- Confirmation of submission
- Encourages early submission
- More detailed feedback

Negatives

- Difficult to interpret Originality Reports
- Poor preview layout.
- Double work if also asked to submit hard copy.

Exeter 2010

An indirect evaluation of student experiences (view of academic and admin staff)

- Discrepancies in the (staff) perceptions of benefits
- 45% felt feedback experience hadn't changed
- 26% felt feedback experience had go worse

Glamorgan 2012

296 students – surveys and focus groups.

Advantages

- Easy to use
- Legibility
- Student engagement with feedback

Disadvantages

- Online access
- Reading on screen

Huddersfield 2013

Survey (n=804) and focus groups

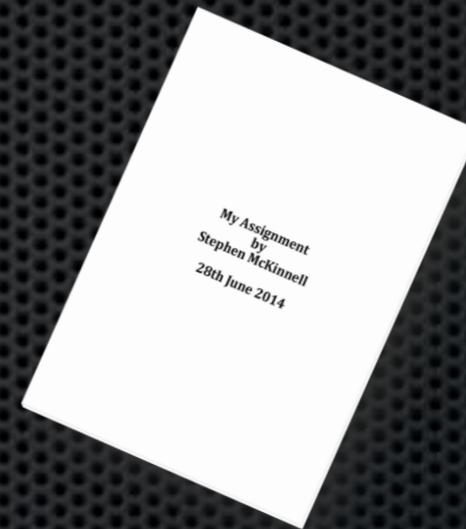
Benefits

- Easier to submit (no travel)
- Avoids printing – printing panic
- Confident submission was received
- Legibility
- More detailed / clearer feedback

SCHOOL OF HEALTH SCIENCES

Current Approach

- ❖ Paper submissions
 - ❖ Marked
 - ❖ Annotated / Feedback sheets
- ❖ Electronic submissions
 - ❖ TurnitinUK
 - ❖ Originality reports



Why?

- School Academic Quality and Standards Committee
 - University
 - Aware that the UoL is looking into policy/guidance
 - Students
 - Benefits?
 - Staff
 - Increased discussion

Evaluation

- ❖ 23 modules in 2013-14
 - ❖ 6 undergraduate programmes
 - ❖ Diagnostic Radiography, Nursing, Occupational Therapy, Orthoptics, Physiotherapy, Radiotherapy.
 - ❖ 1 postgraduate programme
 - ❖ PGDip in Radiotherapy

Evaluation

935 submissions (Sem. 1 - 439, Sem. 2 - 496)

40 members of staff

Submission Details

The screenshot shows a Blackboard Learn interface for a course. The browser address bar displays the URL: https://vital.liv.ac.uk/webapps/portal/frameset.jsp?tab_tab_group_id=_2_1&url=%2Fwebapps%2Fblackboard%2Fexecute%2Flauncher%3Ftype%3DCourse%26id%3D_78922_1%26url%3D. The user is identified as Stephen McKinnell. The page title is "Semester 2 Assessment Details".

Navigation tabs include: Build Content, Create Assessment, Add Interactive Tool, and Assign Textbook.

Two folders are listed:

- Pre-submission to View Originality Report - Assignment 2**
Enabled: Statistics Tracking
Any assignments submitted using the TurnitinUK link in this folder do not constitute a formal submission and will not be viewed or marked by staff.
- e-Submission for Marking - Assignment 2**
Enabled: Statistics Tracking

The assignment needs to be submitted no later than:

12 noon on Monday 19th May 2014

Answer the following question
Compare and contrast the reliability and validity of data collected from the following two types of research designs: randomised controlled trials and interviews.

Electronic Submission
The School of Health Sciences is currently evaluating the use of e-submission and electronic marking. Assignment 2 of this module has been selected for inclusion in this evaluation.
Two folders are located below both of which contain a link to submit work to TurnitinUK. Please note:

1. The submission link in the 'pre-submission to view originality report' folder enables you to submit a draft version of your report and then view an originality report. **Any submissions made using this link do not constitute a formal submission of your assignment and they will not be viewed or marked by members of staff.**
2. The submission link in the 'e-submission for marking' folder enables you to submit a single version of your assignment for assessment purposes i.e. it will be this submission that is marked.

Submission Details

e-Submission for Marking - Assignment 2



Guidance on e-Submission

The School of Health Sciences is currently evaluating the using of the TurnitinUK GradeMark system for the marking of student assignments. The assignment associated with this module has been selected for this evaluation. The School's Assessment policy still applies to this assignment as does the instructions given in the Assessment section of this VITAL course. But in the context of this evaluation a number of modifications have been made. These include:

1. You are **not required** to submit a paper-based/printed copy of your assignment. You only need to submit an electronic version of your assignment using the link found in this section (e-submission for marking). **ONLY SUBMISSIONS MADE USING THE LINK IN THE 'E-SUBMISSION FOR MARKING' FOLDER WILL BE MARKED.**
2. To comply with the policy of anonymous marking, the file you submit should **not include** your name or student ID number either in its name or its content.
3. The front page of your assignment should contain the module code (HEAL116) and title (Research Skills), Assignment 2, the submission date and word count. **DO NOT INCLUDE YOUR NAME OR STUDENT ID NUMBER.**
4. The second page should, if required, state if you have been given an extension for late submission and the details of the extension.
5. The second page should also, if required, state if you have have an agreed Support Plan, developed by the Disability Support Team, and any 'reasonable adjustments' it suggests that need to be applied when your work is marked.

Provisional marks and feedback will be available in VITAL from 4pm on Tuesday 10th June 2014. All marks are provisional and subject to ratification at the School Examination Board. Final marks will then be released as usual by email on Monday 30th June 2014 and published in Liverpool Life at 5pm on the same date.



Declaration of Academic Integrity

I confirm that:

1. I have read and understood the University of Liverpool's [Code of Practice on Assessment](#) and the [Academic Integrity Policy](#).
2. I am aware of the Academic Integrity Scheme and penalties that might be applied under the scheme which are outlined in the [Guidance for Staff and Students](#) document.
3. In accordance with regulatory and professional bodies, the names of places, patients, other service users and health professionals referred to in this work are anonymous.
4. This work has not been submitted previously on this or any other programme of study except where permission has been explicitly given.

I also confirm that it is this submission which will be marked in accordance with the School of Health Sciences and the University of Liverpool's Assessment Policies. Any submissions made through the 'pre-submission TurnitinUK originality report' will not be assessed or receive a mark.

You need to click on the 'Mark Reviewed' link below to reveal the TurnitinUK submission link.

[Mark Reviewed](#)

Submission Details



Declaration of Academic Integrity

Enabled: Review

I confirm that:

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You need to click on the 'Mark Reviewed' link below to reveal the TurnitinUK submission link.



e-Submission for Marking - Assignment 2 (Marker 1)

Enabled: Adaptive Release

>> [View/Complete](#)



e-Submission for Marking - Assignment 2 (Marker 2)

Enabled: Adaptive Release

>> [View/Complete](#)



e-Submission for Marking - Assignment 2 (Marker 3)

Inbox

turnitin UK

Messages | English ▼ | Roadmap | ? Help

Assignment Inbox | Edit assignment | Libraries | Class Stats | Preferences

About this page
This is your assignment inbox. To view a paper, click the paper's title. To view an Originality Report, click the paper's Originality Report icon in the similarity column. A ghosted icon indicates that the Originality Report has not yet been generated.

e-Submission for Marking - Assignment 2 (Marker 1)

INBOX | NOW VIEWING: NEW PAPERS ▼

Submit | export | GradeMark Report | Roster Sync | Edit assignment settings

<input type="checkbox"/>	AUTHOR	TITLE	SIMILARITY	GRADE	RESPONSE	FILE	PAPER ID	DATE
<input type="checkbox"/>	Joe Hart	Assignment 2	5%	55	•		123456	15 May 2014
<input type="checkbox"/>	Glen Johnson	Heal 116 research skills assignment	8%	55			123457	15 May 2014
<input type="checkbox"/>	Leighton Baines	Research Skills 1 Assignment 2	8%	55	•		123458	15 May 2014
<input type="checkbox"/>	Steven Gerrard	HEAL 116 Research Skills 2	9%	55	•		123459	15 May 2014
<input type="checkbox"/>	Gary Cahill	Research Skills Assingment semester 2	10%	55			123460	15 May 2014
<input type="checkbox"/>	Phil Jagielka	Research Skills 2	10%	55	•		123461	15 May 2014
<input type="checkbox"/>	Jack Wilshere	Research Skills Assignment 2	11%	55			123462	17 May 2014
<input type="checkbox"/>	Frank Lampard	HEAL 116 Semester 2 Research Skills	11%	55	•		123463	21 May 2014
<input type="checkbox"/>	Daniel Sturridge	Heal 116 Research Skills	13%	55			123464	15 May 2014
<input type="checkbox"/>	Wayne Rooney	Heal 116 - Assignment 2 (e-submission)	13%	55			123465	15 May 2014
<input type="checkbox"/>	Danny Welbeck	research skills assignment 2	14%	55	•		123466	15 May 2014

Marking

Quick Marks In-text annotations

Turnitin Document Viewer - Google Chrome

e-Submission for Marking - Assignment.r... Roadmap Paper 1 of 17

Originality GradeMark PeerMark Assignment 2 turnitin OUT OF 100

To assess the reliability and validity of the data collected by randomised controlled trials (RCTs) and interviews, it is important to first understand what these methods entail and the types of data that are subsequently collected.

Within the field of health sciences, RCTs are used to test new drugs or treatments. The National Institute for Health and Care Excellence defines an RCT as "A study in which a number of similar people are randomly assigned to two (or more) groups to test a specific drug or treatment," (National Institute for Health and Care Excellence, 2011). One group – the experimental group – will be assigned the drug being tested, whilst the other group is prescribed a placebo or no treatment at all, in order to provide a baseline for comparison. RCTs collect quantitative data which is analysed statistically. Meanwhile, the majority of data collected by interviews is qualitative and must therefore be analysed thematically; however quantitative data could also be obtained in interviews by the use of tools such as Likert scales. An interview is defined as "A qualitative research technique that involves a detailed, face-to-face conversation between a researcher and a respondent on a particular issue or topic," (National Institute for Health and Care Excellence, 2011). There are several types of interviews that can be used. A structured interview is "A research technique in which the interviewer asks all study participants a list of pre-set questions," (National Institute for Health and Care Excellence, 2011). A semi-structured interview is when "The interviewer asks a number of open-ended questions and follows up on areas of interest in response to the information given," (National Institute for Health and Care Excellence, 2011). Unstructured interviews are "interviews in which neither the question nor the answer categories are predetermined," (Minichiello et al, 1990, as cited by Zhang & Wildemuth, 2009). In this case, the only prompt the researcher will have is a topic into which they must investigate.

1

The National Institute for Health and Care Excellence defines reliability as "The ability

Search QuickMark templates

Comment Select text and click the Comment button to highlight text associated with a comment.

Clarity Clear Description

Eloquent Excellent Grammar

Insightful Overly Descriptive

Punctuation Ref - needed

Ref - text Relevance Sentence

Succinct

QM

Marking

Quick Marks In-text annotations

The screenshot displays the Turnitin Document Viewer interface in Google Chrome. The browser title is "Turnitin Document Viewer - Google Chrome". The page header includes "e-Submission for Marking - Assignment.r...", "Roadmap", and "Paper 1 of 17". The main content area shows a document with several paragraphs of text. A blue comment bubble is visible over the text: "Ref needed to support factual statements". Below this, there is a dropdown menu with the option "Associate a criterion" and an "Edit" button. The document text includes: "To assess the reliability and validity of the data collected by randomised controlled trials (RCTs) and interviews, it is important to first understand what entail and the types of data that are subsequently collected." and "Within the field of health sciences, RCTs are used to test new drugs...". The sidebar on the right contains a search bar for "QuickMark templates" and a list of criteria: Clarity, Clear, Description, Eloquent, Excellent, Grammar, Insightful, Overly Descriptive, Punctuation, Ref - needed, Ref - text, Relevance, Sentence, and Succinct. The bottom of the page shows "PAGE: 3 OF 10" and various navigation icons.

Marking

General Comments

The screenshot displays the Turnitin Document Viewer interface in Google Chrome. The browser title is "Turnitin Document Viewer - Google Chrome". The address bar shows "e-Submission for Marking - Assignment.r...". The page header includes "Roadmap" and "Paper 1 of 17". The main content area shows a document with several paragraphs of text. Annotations include blue speech bubble icons and yellow highlights. The sidebar on the right is titled "General Comments" and contains sections for "Voice Comment" (0:00 / 3:00), "Text Comment" (with a "Strengths:" section), "Areas for improvement:", and "Action Plan:". A red circle highlights a comment icon in the bottom right corner of the document viewer.

To assess the reliability and validity of the data collected by randomised controlled trials (RCTs) and interviews, it is important to first understand what these methods entail and the types of data that are subsequently collected.

Within the field of health sciences, RCTs are used to test new drugs or treatments. The National Institute for Health and Care Excellence defines an RCT as "A study in which a number of similar people are randomly assigned to two (or more) groups to test a specific drug or treatment," (National Institute for Health and Care Excellence, 2011). One group – the experimental group – will be assigned the drug being tested, whilst the other group is prescribed a placebo or no treatment at all, in order to provide a baseline for comparison. RCTs collect quantitative data which is analysed statistically. Meanwhile, the majority of data collected by interviews is qualitative and must therefore be analysed thematically; however quantitative data could also be obtained in interviews by the use of tools such as Likert scales. An interview is defined as "A qualitative research technique that involves a detailed, face-to-face conversation between a researcher and a respondent on a particular issue or topic," (National Institute for Health and Care Excellence, 2011). There are several types of interviews that can be used. A structured interview is "A research technique in which the interviewer asks all study participants a list of pre-set questions," (National Institute for Health and Care Excellence, 2011). A semi-structured interview is when "The interviewer asks a number of open-ended questions and follows up on areas of interest in response to the information given," (National Institute for Health and Care Excellence, 2011). Unstructured interviews are "interviews in which neither the question nor the answer categories are predetermined," (Minichiello et al, 1990, as cited by Zhang & Wildemuth, 2009). In this case, the only prompt the researcher will have is a topic into which they must investigate.

The National Institute for Health and Care Excellence defines reliability as "The ability

Marking

Rubric

Turnitin Document Viewer - Google Chrome

e-Submission for Marking - Assignment.r... Roadmap Paper 1 of 17

Originality GradeMark PeerMark

turnitin

Rubric

1st yr assignment feedback

Presentation

1 2 3 4 5 6 7

Clarity

1 2 3 4 5 6 7

Conforming

1 2 3 4 5 6 7

Purpose

1 2 3 4 5 6 7

Referencing

1 2 3 4 5 6 7

Content

1 2 3 4 5 6 7

To assess the reliability and validity of the data collected by randomised controlled trials (RCTs) and interviews, it is important to first understand what these methods entail and the types of data that are subsequently collected.

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The National Institute for Health and Care Excellence defines reliability as "The ability

PAGE: 3 OF 10

View all QuickMarks and comments

Marking

Expanded View - Google Chrome

1st yr assignment feedback Saved

CRITERIA	SCALES						
	100-80	79 - 70	69 - 60	59 - 50	49 - 40	39-30	29-0
Presentation Presentation of assignment	Exceptional presentation, with no flaws	Shows a polished and imaginative approach to the topic	Carefully and logically organised	Shows organisation and coherence	Shows some attempt to organise in a logical manner	Disorganised/ incoherent	Disorganised/ incoherent
Clarity Clarity of expression (incl. accuracy, spelling, grammar, punctuation)	Exceptionally clear writing style	Fluent writing style appropriate to document. Grammar and spelling accurate	Language fluent. Grammar and spelling accurate	Language mainly fluent. Grammar and spelling mainly accurate	Meaning apparent, but language not always fluent. Grammar and/or spelling contain errors	Meaning unclear and/or grammar and/or spelling contain frequent errors	Meaning very unclear and/or poor spelling and grammar throughout.
Conforming Conforming with instructions (e.g. word length)	Work has been submitted within time boundaries and within prescribed parameters	Work has been submitted within time boundaries and within prescribed parameters	Work has been submitted within time boundaries and within prescribed parameters	Work has been submitted within time boundaries and within prescribed parameters	Deviates slightly from the required parameters	Work has been submitted late with no allow-able reason, or deviates significantly from the required parameters	Work has been submitted late with no allow-able reason, or deviates significantly from the required parameters
Purpose Attention to purpose	Has addressed the purpose of the assignment in an exceptionally clear and imaginative style	Has addressed the purpose of the assignment comprehensively and imaginatively	Has addressed the purpose of the assignment coherently and with some attempt to demonstrate imagination	Has addressed the main purpose of the assignment	Some of the work is focused on the aims and themes of the assignment	Fails to address the task set	Fails to address the task set
Referencing	Referencing is consistently accurate	Referencing is consistently accurate	Referencing is mainly accurate	Reasonable attempt with some errors	Some attempt at referencing	Referencing is unsystematic	Referencing is absent

This qualitative rubric will not result in a score. However, it is a valuable feedback mechanism for students and writers.

Close

Example

Details

- 4 different markers
- Random allocation of students to markers

Tools/Approach

- VITAL groups
- 4 TurnitinUK submission links
- VITAL adaptive release rules

OUTCOMES

Feedback – Semester 1

18 June 2014

- ❖ Year 1 modules

- ❖ 29/44 36/41 20/40 20/37 **38/38**

- ❖ Year 2 modules

- ❖ 22/33 20/33 29/32 50/57 19/33 20/22

25% students have not accessed feedback

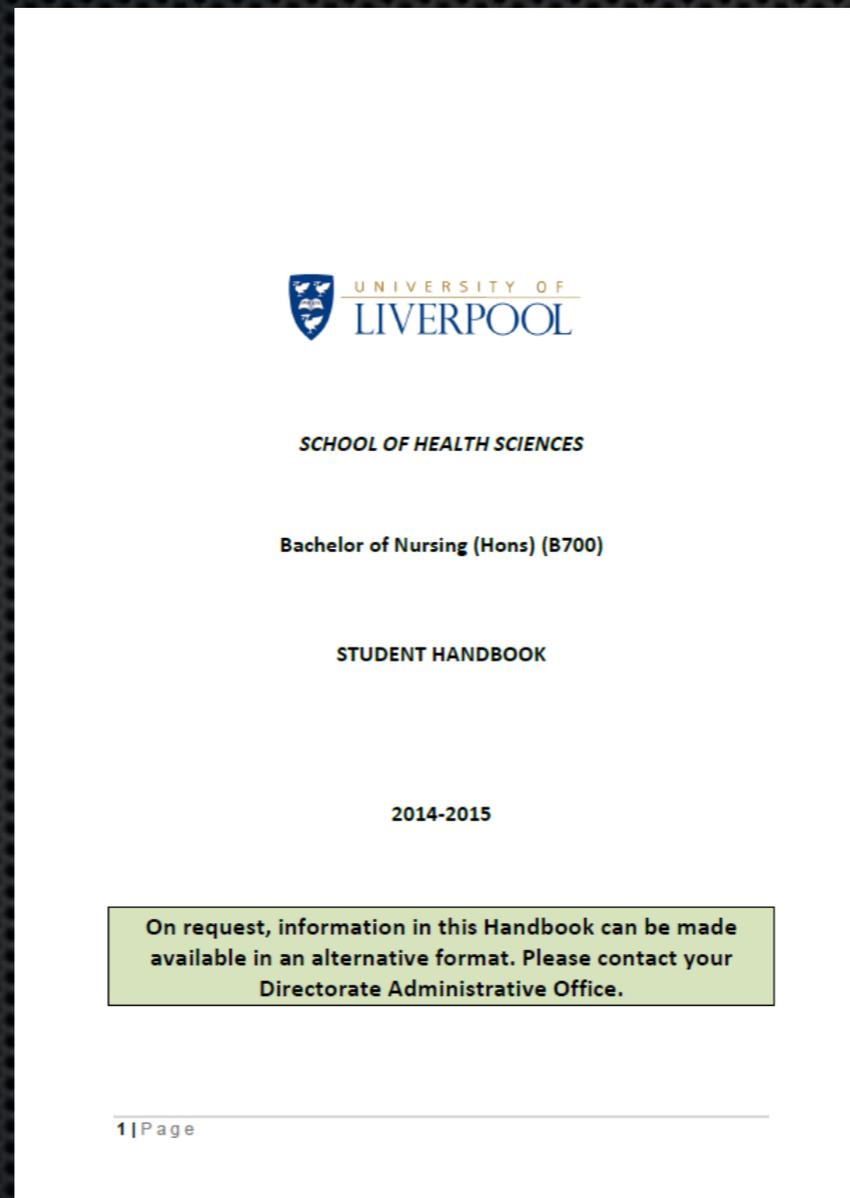
Staff - Views

- ❖ This was a positive experience which I enjoyed and from the comments from the students they also seemed positive.
- ❖ Took some time to set up the specific comments needed for this assignment but once they were written it was easy to use for remaining assignments.
- ❖ I enjoyed the experience. I was slow starting initially, because I was adding to the standard comments section. After the first few assignments, this section made the process much faster overall because I was tending to make similar comments on the assignments. So well worth investing the time and effort in developing the comments section initially.

Issues

- ❖ One 'lost' submission
 - ❖ Be careful on the 'TurnitinUK Assignments By Groups' screen
- ❖ School Policies
 - ❖ Need modifying
- ❖ Financial suspension of students
 - ❖ MWS accounts and VITAL

Student Handbooks



E-Submission Guidance

Electronic submission of written assignments to TurnitinUK

TurnitinUK is an online service that can be used to identify similarities in submitted work to a database of previously submitted work, websites and other sources. Each module in VITAL will have separate TurnitinUK links for any written assignments associated with that module. Typically for each written assignment there will be a 'draft checking' TurnitinUK link and an 'e-submission for marking' TurnitinUK link.

The 'draft checking' TurnitinUK link allows students to upload a draft version of their written assignment in order to view a TurnitinUK Originality report. An Originality report is an indication of similarities between a piece of work submitted by a student and a database of previously submitted work, websites and other sources. Any submissions made using '**draft checking**', TurnitinUK links in VITAL **are draft submissions and will not be marked**. This is an optional facility that students might want to use to help develop their written assignment.

The final version of the written assignment **must be uploaded to the 'e-submission for marking'** TurnitinUK link. It is **ONLY** this submitted file which will be formally assessed by internal examiners. It is the student's responsibility to ensure the correct file is uploaded to the correct 'e-submission for marking' TurnitinUK link. In the event of a mistake being made, students must notify the Directorate Assessment Officer, or the Programme Secretary at the earliest opportunity **prior to** the assignment submission deadline.

E-Submission Guidance

Draft checking links

- Students allowed to view Originality reports

E-submission for marking links

- The only submission that will be marked

Digital receipts confirm submission

- No digital receipt – assume no submission

E-Submission Guidance

Single submission

- Contact Assessment Officer or Programme Secretary if a mistake has been made
- Digital receipts needed to withdraw an assignment.
- Requests to re-submit not normally considered within 2 working days of due date.

E-Submission Guidance

Financial Suspension

- Restrictions placed on MWS user account
- Students need to contact the Director of Studies to make alternative arrangements.
- Late or non-submission due to FS will be penalised if DoS has not been contacted

E-Submission Guidance

Hard Copy & e-Submissions

- Both must be made before submission deadline.
- If either comes in after the submission deadline, the date of the latest submission will be used to calculate penalty.
- If one is missing – incomplete submission and a zero mark will be awarded.
- Guidance will be given about what can be excluded from the e-submission (appendices or reference list).
- If the two submissions are different a penalty will be applied.

Conclusions

- ❖ **Technical environment** – okay

- ❖ Fairly intuitive to use
- ❖ Some national issues (slowness)

- ❖ **Policies**

- ❖ Modification
- ❖ Guidance for students & staff

- ❖ **Students**

- ❖ Valued access to Originality reports
- ❖ Feedback improvements

- ❖ **Staff**

- ❖ Support and training
- ❖ Changes to working practice

Finally

School Guides

- GradeMark <http://goo.gl/42wFP6>
- TurnitinUK <http://goo.gl/vuaAQ4>
- Multiple TurnitinUK Inboxes <http://goo.gl/emDmZ9>

Contacts

Steve McKinnell smck@liv.ac.uk

Denis Parkinson denis@liv.ac.uk

References

- Exeter (2012). Online Coursework Management Evaluation <http://www.jisc.ac.uk/whatwedo/programmes/elearning/assessmentandfeedback/ocme.aspx>
- Glamorgan (2010). Turn it in or Turn it off? A pilot project for Turnitin and Grademark experience. <http://www.plagiarismadvice.org/research-papers/item/turn-it-in-or-turn-it-off-a-pilot-project-for-turnitin-and-grademark-experience>

References

- Glamorgan (2012). The evaluation of Assessment Diaries and GradeMark at the University of Glamorgan.
<http://www.jisc.ac.uk/whatwedo/programmes/elearning/assessmentandfeedback/glamorgan.aspx>
- Huddersfield (2013). EBEAM: Evaluating the Benefits of Electronic Assessment Management
<http://www.jisc.ac.uk/whatwedo/programmes/elearning/assessmentandfeedback/ebeam.aspx>