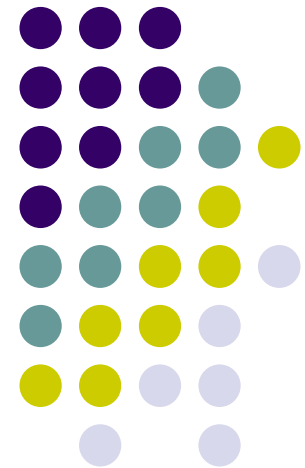


Moodle tools for e-assessment

Morag Munro
DCU Learning Innovation Unit



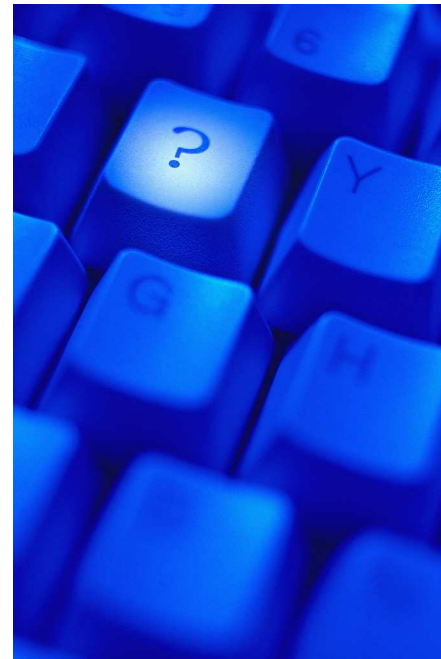


Workshop outline

- What do we mean by e-assessment?
- Why e-assess?
- Possible problems/issues/limitations
- Moodle tools for e-assessment

What do we mean by e-assessment?

- **Electronic assessment**
- More than multiple choice!



What do we mean by e-assessment?

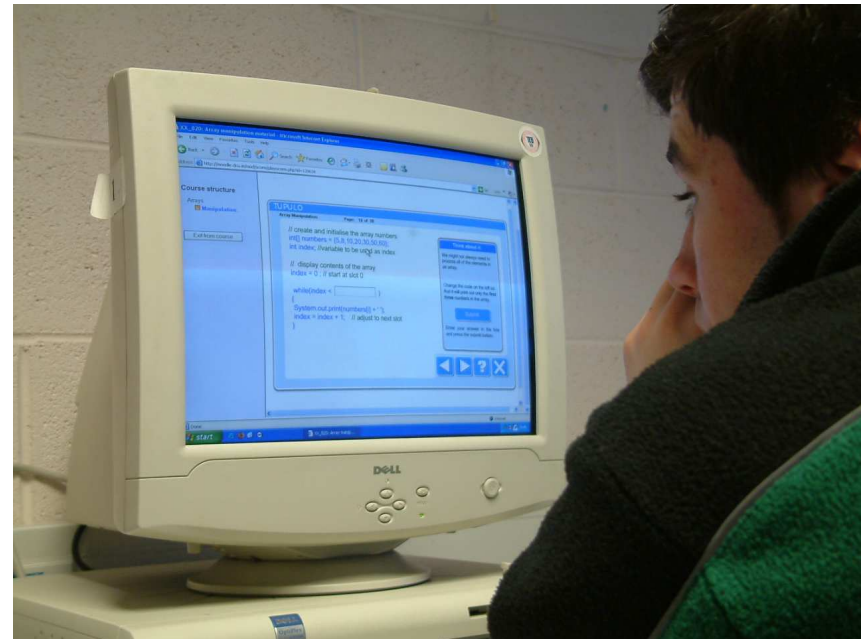


Computer-based assessment (automated)	Computer-assisted assessment
Quizzes	Assignments
	Peer assessment
	E-portfolios
	Reflective Journals
	Forums
	Glossaries
	Wikis... etc.



Possible applications

- Diagnostic
- Formative
- Summative





Why e-assess?

Flexibility

- Choice of time and/or place in taking assessments

Pedagogical

- Opportunities for students to be assess own progress
- Feedback: Instantaneous, large groups
- Variety in assessment formats and media
- Identify areas/students in need of support

Administration

- Reduce time spent on face-to-face feedback/marking
- Marks stored and collated via Moodle's gradebook



'I feel that assessment on a computer is better than writing because usually you forget what you are going to write...before you write it. The brain works faster than your handwriting.'

Student, University of Derby

Possible issues/problems/limitations

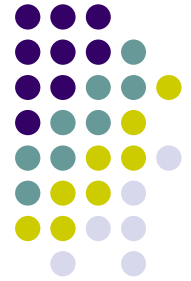


- Security
- Plagiarism
- Ensuring equivalence

Technology may help, but assessment design is crucial



Moodle tools for e-assessment



- Quizzes
- Assignment
- Wikis
- Workshop (peer assessment)
- Also: forums, glossaries etc.

- Plugins for
 - HotPotatoes (quiz creation tool)
 - Turnitin (Plagiarism: prevention/detection)

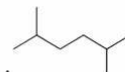
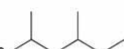
- Gradebook

Moodle quizzes



- Question types:
 - Multiple choice
 - True/false
 - Short answer
 - Matching
 - Calculated


20 What is the relationship between the two structures below?
Marks: 1

A  B 

Choose one answer.

- a. identical structures
- b. constitutional isomers
- c. different compounds with different compositions
- d. resonance forms

6 Marks: --/3



When composing a search strategy for your essay you should first decide which to use. If you want to find articles which contain any of your keywords you should link them with the Boolean Operator . If you want to find articles that include ALL your keywords together you should link them with the Boolean Operator .



Hot Potatoes quizzes

- Question types:

- [Crossword](#)
- [Drag-and-drop match](#)
- [Gap-fill](#)
- [Multiple-choice](#)
- [Mixed letters/words](#)

- More examples

<http://cla.univ-fcomte.fr/english/html/hotpot.htm>

- Download and Licensing

- www.halfbakedsoftware.com
- www.halfbakedsoftware.com/hot_pot_licence.php



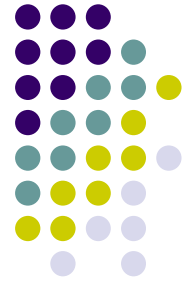


Applications

- Diagnostic/formative assessment
- Large groups
- Well designed quizzes can assess can range of learning outcome levels



Taking a quiz



1. Log in to Moodle as a student.
2. Open the e-assessment course (My courses block)
3. Try out the two quizzes in the e-assessment course

Assignments



2007_FF110: Assignment: Assignment - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://moodle.dcu.ie/mod/assignment/view.php?id=134009

view 202 submitted assignments

A large European economy has an unemployment rate of just over 8% and a growth rate of just over 1%. In response to what it perceives as an unusually high unemployment rate and an unusually low growth rate, the government is considering whether it should take action to reduce unemployment and speed up growth.

Summarise what in your view are the most relevant classical and Keynesian arguments for and against government action at this time. Then conclude with your recommendation as to what should be done. (Provide brief reasons for your conclusion.)

Assignments should be not more than 600 words in length and must be submitted through Moodle not later than Thursday 5th April at 5.30pm. No assignment will be accepted later than this date. Assignments should be typed in Word and uploaded to Moodle before that time.

You are reminded that the work presented should be your own work save where you have cited others works. The usual penalties will apply in any case of plagiarism.

Available from: Thursday, 15 March 2007, 03:10 PM
Due date: Saturday, 5 April 2008, 05:30 PM

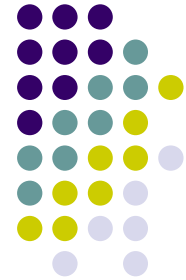
Upload a file (Max size: 5MB)

Browse...

Upload this file

Done

Assignments



2007_FF110: Assignment - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://moodle.dcu.ie/mod/assignment/submissions.php?id=134009

Page: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 ...33 (Next)

	First name / Surname ↓	Grade	Comment	Last modified (User)	Last modified
😊	[Redacted]	59 / 100		Economics_Assignment.doc Wednesday, 4 April 2007, 10:38 PM	
😊	[Redacted]	No grade			
😊	[Redacted]	54 / 100		Keynesian_and_classical_argument.doc Thursday, 5 April 2007, 03:38 PM	
😊	[Redacted]	59 / 100		BS1_Economics_Assignment.doc Wednesday, 4 April 2007, 01:22 PM	
😊	[Redacted]	83 / 100		ASSIGNMENT.doc Wednesday, 4 April 2007, 07:21 PM	
😊	[Redacted]	86 / 100		Economic_Theory_Arguments.doc Thursday, 5 April 2007, 03:39 PM	
😊	[Redacted]	No grade			
😊	[Redacted]	49 / 100		[Redacted].docx Thursday, 5 April 2007, 11:43 AM	
😊	[Redacted]	86 / 100		economics_.rtf Tuesday, 3 April 2007, 10:39 PM	
😊	[Redacted]				

Done

Applications



- Not just for essays!
- Submission of assessments in different media formats
- Add grades from offline assignments (presentations, lab work etc.)

Submitting an assignment



- Submit the “My first assignment” file on the desktop to the 'Upload File' assignment in the e-assessment course.

Journals



The screenshot shows a web browser window with the address bar containing the URL `http://moodle.dcu.ie/mod/journal/view.php?id=130332`. The browser's menu bar includes 'File', 'Edit', 'View', 'History', 'Bookmarks', 'Tools', and 'Help'. The page content is as follows:

[View 24 journal entries](#)

If you watched the video 'The dollar a day dress' in class, can you please write your reflections on it using the following questions as a prompt. Discuss these questions with a partner before you write your journal.

1. What was the purpose/aim in making this film?
2. Do you think the filmmaker was successful? Why?
3. What were the key issues developed in the film?
4. What did you think of the film? (visuals, soundtrack, message, humour, etc.)
5. Did it cause you to deepen your understanding of globalisation? If so, how?
6. Looking at the film from an intercultural perspective, what lessons did you learn/observations did you make?

If you did not get to see the film, please arrange to meet with someone from the class who did see it and ask them about the film. Write your findings here.

You have not started this journal yet [Start or edit my journal entry](#)

[Moodle Docs for this page](#)

You are logged in as Morag Munro (Logout)

© DCU 2007

Done

Journals

A screenshot of a Mozilla Firefox browser window displaying a Moodle journal entry. The browser's address bar shows the URL <http://moodle.dcu.ie/mod/journal/report.php?id=130332>. The journal entry is titled "f - M - + - + -" and was last edited on Thursday, 3 May 2007, at 12:41 PM. The main text discusses the film "A dollar a day dress" and its impact on the author's perspective on clothing and trade. Below the text is a feedback section with a "No grade..." dropdown menu and a large empty text box for comments. The browser's status bar at the bottom shows "Done".

Workshop (peer assessment)



News Reporting MA: INCIDENT STORY - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://moodle.dcu.ie/mod/workshop/viewassessment.php?aid=1801

Assessment of Incident 1

Assessment	
Thursday, 27 September 2007, 03:24 PM	
Element 1:	Is this 'news' suitable for the intended readers?
Feedback:	Yes.
Element 2:	Can the lead be sharper?
Feedback:	All the important details are there, but it could be more direct.
Element 3:	Does the story answer the 4 w's (who what where when)?

"Incident 1"


Gardai at Kilmainham are seeking two men in connection with the shooting of a 48 year old man which occurred in a house on Ring Street, Inchicore, Dublin 8 shortly before 10:30pm last night. It is believed that the two men knocked on the front door and forced their way into the house when the victim's wife opened it. They then shot the victim in both legs. His injuries are described as not life-threatening, following his removal to St. James's Hospital.

The first suspect is described as 6'6" tall with dark clothing and a luminous green or yellow scarf about his face; the second is 5'11" and wearing

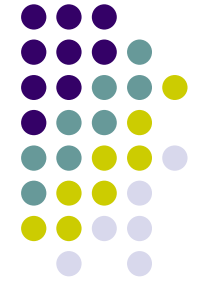
Done


Grading assignments



1. Log out of the student Moodle account
2. Log in as yourself
3. Open the e-assessment course
4. Click on the 'Upload File' assignment
5. Click 'View X submitted assignments' and grade the assignment submitted by you as a student.
Click the  icons to find out more about each of the options
6. Click on the "Offline assignment" and add a grade.

The gradebook



1. Return to the course homepage
2. Click the "Grades" link in the administration block
3. Spend some time exploring the gradebook. Click the  icons to find out more about each of the options