Education Solutions Packs

Summative Online Written Exams
Deliver exams using Moodle quiz

Educational challenge: Delivering an exam remotely

Many disciplines use timed written tasks to assess course learning outcomes, including the ability to select, compose, report or review answers. However, in fully online courses achieving this goal in a consistent and tailored digital examination environment can be demanding. For instance, in high stakes summative tests, aspects like open book design, mitigation of academic misconduct and reduction of marking workload are all difficult to balance. In formative quizzes, it's also essential to provide immediate and adaptive feedback to students and track their learning progress.

Solution: Moodle Quiz examination template

By combining the following powerful features of Moodle Quiz in a resource pack and the improved assessment design offered through our EDS consultation support, more reliable and adaptable tests can be delivered.

Students can...
- Remotely access their open book exams with clear instructions for a consistent assessment experience.
- Input their answers in multiple ways (e.g. choices, text, sketches or uploaded hand-written answers).
- Get familiar with question types in advance avoiding confusion during the official assessment.

Instructors can...
- Comprehensively assess learning outcomes using automatic marking and feedback, including STACK for calculation-based assessments. For more information on STACK questions, please see the STACK solution pack.
- Deploy several examination versions including randomised questions and/or layouts.
- Set flexible access rules, question behaviours and review options, including special considerations.

FAQ

How can I reduce academic dishonesty?
- Design an open book exam with questions in the qualitative answering level (SOLO taxonomy). Also use a large question bank and deliver randomised questions to discourage answer sharing.

How long should the exam be accessible?
- If the nature of the test makes hard to control potential answer sharing, short synchronous sessions adjusted to the test difficulty should be set. On the other hand, open book and randomised exams can be opened in extended asynchronous sessions if needed, e.g. when a significant number of students are based on different time zones.

What if students can't access the exam?
- Prepare an extra set of questions organised in a supplementary online exam. Please refer to Support section for more details.

How can I make the exam go smoothly?
- Give the students the opportunity to get familiar with the question types before the exam. This pack provides a practice activity and a feedback questionnaire for that purpose.

Support

Instructor should be online during exam and inform students before the exam - how to get in touch (e.g. Moodle Chat, email, MS Teams chat) if they have issues. Any student with technical issues must screenshot error messages, e.g. screens not loading, speed tests, power outage maps and/or information from internet provider regarding current issues (all screenshots must show date and time).

The student should contact instructor immediately before applying for Special Consideration.

Templates/Guides

1. Moodle Quiz exam template
2. Create and manage a quiz in Moodle
3. Moodle Quiz – ETS Webinar

Technical Considerations

- Performance issues reported on >1000 students accessing simultaneously or when delivering resource intensive quizzes e.g. STACK. For technical enquiries please contact ETS.
- Avoid editing the Moodle Quiz while it is open to students.

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