Moodle’s quiz module allows a faculty member to design and set quizzes, consisting of multiple choice, true-false, and short answer questions. These questions are kept in a categorized database (aka: question banks or pools), and can be re-used within courses and even between courses. Quizzes can allow multiple attempts. Each attempt is automatically marked, and the teacher can choose whether to give feedback or to show correct answers. This module includes grading facilities.

Moodle quizzes have two major components – the quiz body and the question pools (or databases). Think of the quiz body as a container for the various types of questions (see below) pulled from the question pools. The body is what the student sees when they take the quiz. The question pools can contain questions arranged in a manner that makes sense to you.

Moodle’s quiz module has a large number of options and tools, making it extremely flexible. For detailed instructions on setting up and using quizzes in Moodle, please see this Word document: http://learn.humboldt.edu/file.php?file=/3765/quiz/Quiz_1_5_Teacher_Guide.doc

**Question Types**

**Multiple Choice**
In response to a question (that may include an image) the respondent chooses from multiple answers. There are two types of multiple choice questions - single answer and multiple answer.

**Short Answer**
In response to a question (that may include an image), the respondent types a word or phrase. There may several possible correct answers, with different grades. Answers may or may not be sensitive to case. Moodle's short answer question format may be too short for some purposes. You may also want to check into the Assignment tool for some types of exercises.

**Numerical**
From the student perspective, a numerical question looks just like a short-answer question. The difference is that numerical answers are allowed to have an accepted error. This allows a continuous range of answers to be set.

**True/False**
In response to a question (that may include an image), the respondent selects from two options: True or False.

**Matching**
A list of sub questions is provided, along with a list of answers. The respondent must “match” the correct answers with each question.

**Embedded Answers (Cloze)**
These very flexible questions consist of a passage of text (in Moodle format) that has various answers embedded within it, including multiple choice, short answers and numerical answers.

**Random**
A Random question in a quiz is replaced by a randomly-chosen question from the category that was set.

**Description**
This is not a real question. It simply prints some text (and possibly graphics) without requiring an answer. This can be used to provide some information to be used by a following group of questions, for example.

**Calculated**
Calculated questions offer a way to create individual numerical questions by the use of wildcards that are substituted with individual values when the quiz is taken.

For further information about working with any of these question types, consult the quizzing section of Lawrence University’s Moodle help resources.

Managing Quizzes and Questions

Moodle’s quizzing tool is flexible in terms of designing quizzes and in managing collections of questions. The following are some features that may be helpful to know about when considering how best to design a quiz.

- Teachers can define a database (or “pool”) of questions for re-use in different quizzes.
- Questions can be stored in categories for easy access, and these categories can be “published” to make them accessible from any course on the site.
- Quizzes are automatically graded, and can be re-graded if questions are modified.
- Quizzes can have a limited time window outside of which they are not available.
- Quizzes can be designed so that they can be attempted multiple times, and can show feedback and/or correct answers.
- Quiz questions and quiz answers can be shuffled (randomised) to reduce cheating.
- Questions allow HTML and images.
- Questions can be imported from external text files.
- Attempts can be cumulative, if desired, and finished over several sessions.
- Multiple-choice questions support single or multiple answers.
- Short Answer questions (words or phrases) can be used.
- Numerical questions (with allowable ranges) can be used.
- Embedded-answer questions (cloze style) with answers within passages of text can be used.
- Embedded descriptive text and graphics can be used in quizzes.

For more about question banks/pools/databases, questions types and question grading, see: