

NEW ANGEL 7.4 FEATURES

Grading Rubrics

Grading Rubrics allow customers to create rubrics to assist in the evaluation of manually graded assignments. Rubrics are created via a simple three-step process. Once created, the instructor may use the rubric to evaluate assignments – calculating the students score through a simple point & click interface.

New Feature Highlights

- Consistent, efficient evaluation of manually graded items**
 ANGEL’s Grading Rubrics allow the criteria and achievement levels to be defined and all submissions evaluated against the same set of criteria.
- Point-and-click grading**
 The grading rubric allows you to score a student’s work simply by clicking in the cell that corresponds their level of achievement for a particular criteria. The rubric then calculates the score based upon the point value of the assignment.

Rubric Scores for Weekly Journal Submission
 100.0000000000 Points Possible Blank scores will be counted as 0.

Score	Criteria	Achievement Level			
		Achievement Level 1 0%	Achievement Level 2 33%	Achievement Level 3 67%	Achievement Level 4 100%
<input type="text" value="8.25"/> 25.00 max	Quantity	0 points Write 50 words or less for weekly Journal entry.	8.25 points Writes 51 – 100 words in weekly journal entry.	16.75 points Writes 101 – 250 words	25.00 points writes 251+ words
<input type="text" value="16.75"/> 25.00 max	Creativity	0 points Not interesting	8.25 points slightly interesting	16.75 points interesting	25.00 points Page turner!
<input type="text" value="8.25"/> 25.00 max	Vocabulary	0 points Uses small words and no stretch for vocabulary.	8.25 points appropriate vocabulary	16.75 points good use of vocabulary, efficiency of communication	25.00 points Great vocab.
<input type="text" value="0"/> 25.00 max	Grammar	0 points Spelling, usage and punctuation errors	8.25 points Less than 5 spelling, punctuation or usage errors.	16.75 points Less than 2 spelling or punctuation errors.	25.00 points Zero punctuation or spelling errors

33.25 Total Points (100.00 points max)

- #1 shows how a cell changes color when clicked, and transfers the points to the left-most “Score” column.
 - #2 illustrates how the instructor can override any point value.
- Rubric Preview**
 Students may optionally preview and print the Grading Rubric before beginning

the assignment.

Rubric Preview

Criteria	Achievement Level			
	Achievement Level 1 0%	Achievement Level 2 33%	Achievement Level 3 67%	Achievement Level 4 100%
Quantity (25% Weighting)	0 percent Writes 50 words or less for weekly journal entry.	8.25 percent Writes 51 - 100 words in weekly journal entry.	16.75 percent Writes 101 -- 250 words	25 percent writes 251+ words
Creativity (25% Weighting)	0 percent Not interesting	8.25 percent slightly interesting	16.75 percent interesting	25 percent Page turner!
Vocabulary (25% Weighting)	0 percent Uses small words and no stretch for vocabulary.	8.25 percent appropriate vocabulary	16.75 percent good use of vocabulary, efficiency of communication	25 percent Great vocab.
Grammar (25% Weighting)	0 percent Spelling, usage and punctuation errors	8.25 percent Less than 5 spelling, punctuation or usage errors.	16.75 percent Less than 2 spelling or punctuation errors.	25 percent Zero punctuation or spelling errors

Close Print

- **Post-Evaluation Review**

Students may optionally review the grading rubric after their submission to see how their work was evaluated.

User Review Enabled

Subject	Grade (100 pts)	Comments
Blah submitted 10/13/2008 3:52:04 PM	33.25 View Rubric Scores	

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Rubric Scores for Weekly Journal Submission

100 Points Possible

Score	Criteria	Achievement Level			
		Achievement Level 1	Achievement Level 2	Achievement Level 3	Achievement Level 4
8.25 25.00 max	Quantity 0.00 points Writes 50 words or less for weekly journal entry.	8.25 points Writes 51 - 100 words in weekly journal entry.	16.75 points Writes 101 -- 250 words	25.00 points writes 251+ words	
16.75 25.00 max	Creativity 0.00 points Not interesting	8.25 points slightly interesting	16.75 points interesting	25.00 points Page turner!	
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33.25 Total Points (100.00 points max)
Close

- **LOR-based sharing and reuse of grading rubrics**

Users may share rubrics within or across departments thus reducing re-work. The instructor may browse and preview all shared rubrics when creating the assignment.

Grading Rubric

Grading rubric: Weekly Journal Grading Preview

Display rubric to students before submission

Display rubric scores to students after submission

- **Alignment of rubrics to standards**

Grading rubrics may be aligned (or copied from!) system Standards.

- **Performance Reporting**

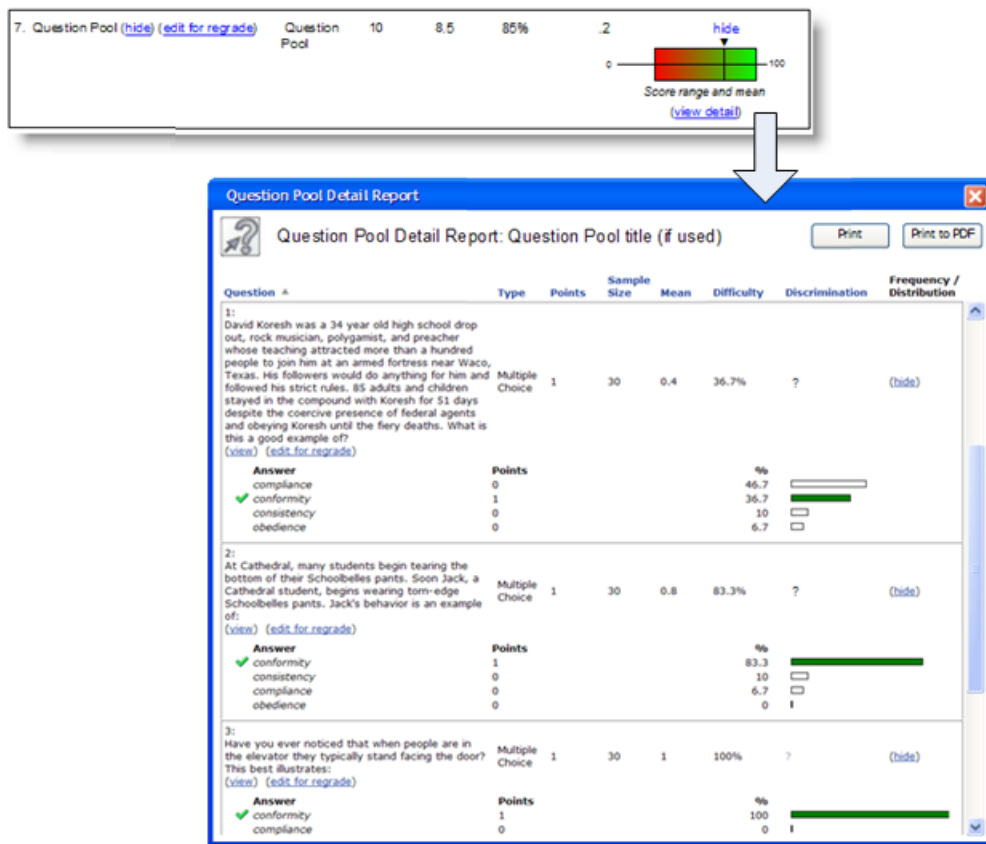
(Pending Item: May not ship with 7.4) Assignments or individual manually-graded

Assessment questions graded via Rubrics with linked Standards will appear in standards-based performance reporting – allowing manually graded items to be aligned (and evaluated) to more than one standard.

Item Analysis Update

The updated Item Analysis report allows instructors to drill into the response detail for each question delivered via a Question Pool and manually graded question types. This is an upgrade to the current Item Analysis report where we only offer aggregate information on Question Pool questions.

We'll load the Question Pool detail via a “view details” link that appears underneath the aggregate performance graphic for Question Pool (and Essay and Short Answer questions types) items within the Item Analysis report. This link will load a new window that displays the detail for each question delivered as part of that pool as illustrated below.



The window will present a version of the current Item Analysis report – but only include those questions that were both part of the pool and which had submission data for the current assessment. We'll still attempt to calculate all of the statistics, but as with the current report, will present a “?” if the sample size or other reason prevents the calculation of the statistic.

New Feature Highlights

Item Analysis remains largely the same in 7.4 as in 7.3, with the exception of the addition of much-requested data on individual Question Pool and manually graded questions.

- Customers gain Item Analysis for individual Question Pool questions, including Frequency, Distribution, Points, Mean and Difficulty statistics for individual questions within a Question Pool. If possible, we'll also calculate Discrimination.
- Instructors may now use the Regrade option on individual Question Pool questions.

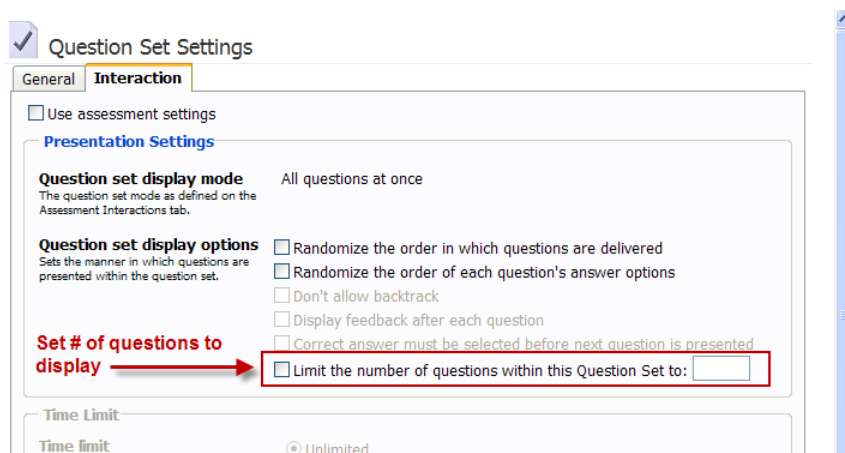
Question Set Updates

Users may now set a maximum number of questions to display within a particular question set. Adding this option to Assessments serves two purposes:

1. Allows Questions Sets to function as simple “pseudo-Question Pools”
2. Returns a popular feature that was available in Quizzes via the Section Heading question type.

This option will allow a question set to function as kind of a static question pool, only sampling from those questions present within the question set.

The option is integrated into the current Question Set Configuration page as illustrated below:



The screenshot shows the 'Question Set Settings' page with the 'Interaction' tab selected. Under 'Presentation Settings', the 'Question set display mode' is set to 'All questions at once'. The 'Question set display options' section includes several checkboxes: 'Randomize the order in which questions are delivered', 'Randomize the order of each question's answer options', 'Don't allow backtrack', 'Display feedback after each question', and 'Correct answer must be selected before next question is presented'. A red arrow points to the 'Set # of questions to display' label, which is next to a checkbox labeled 'Limit the number of questions within this Question Set to:' followed by an empty input field.

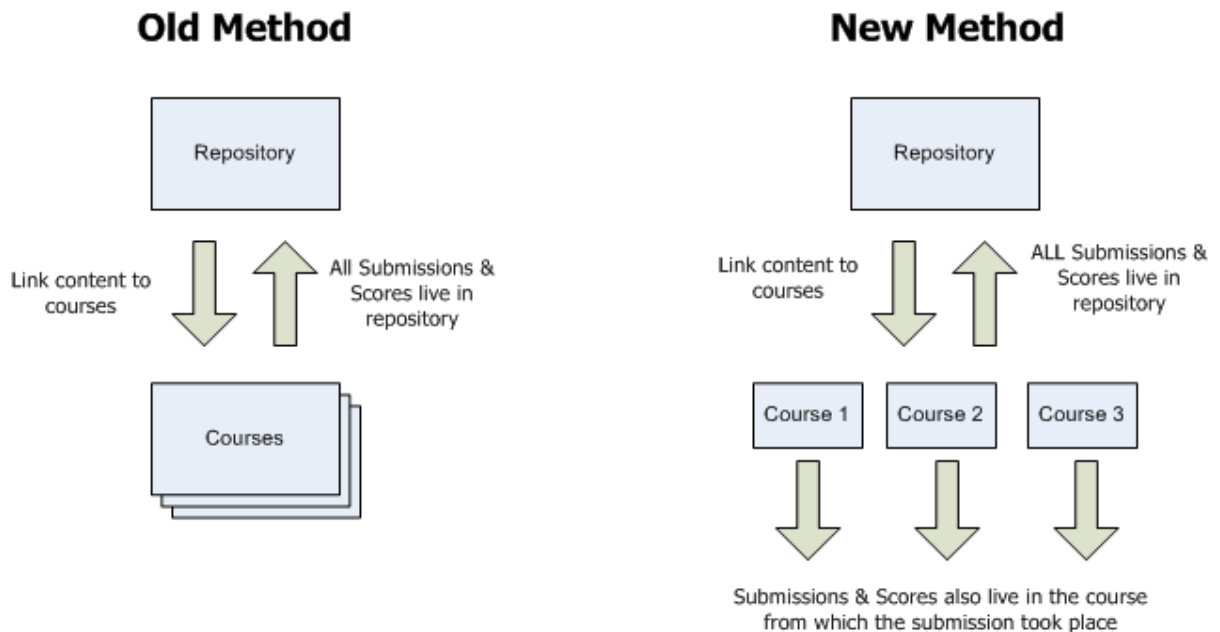
New Feature Highlights

- **Simple creation of question pools**
While not as powerful as the Question Pool question type, this option is simple to use and easy to understand.
- **Recreates popular Quiz feature**
This option was a heavily-used Quiz feature.

LOR Enhancements

Currently, when linking content from a learning object repository to courses, the submissions made against that content can only be seen & scored in the repository, *not* the course itself. This limitation prevents course instructors from using this linked content as they would a “native” content item, for example, scoring & creating a gradebook assignment.

This limitation has been resolved in the 7.4 version, and we’ve also improved the usability around how one publishes content from a repository to course(s), as well as keeping track of these associations for later reference.

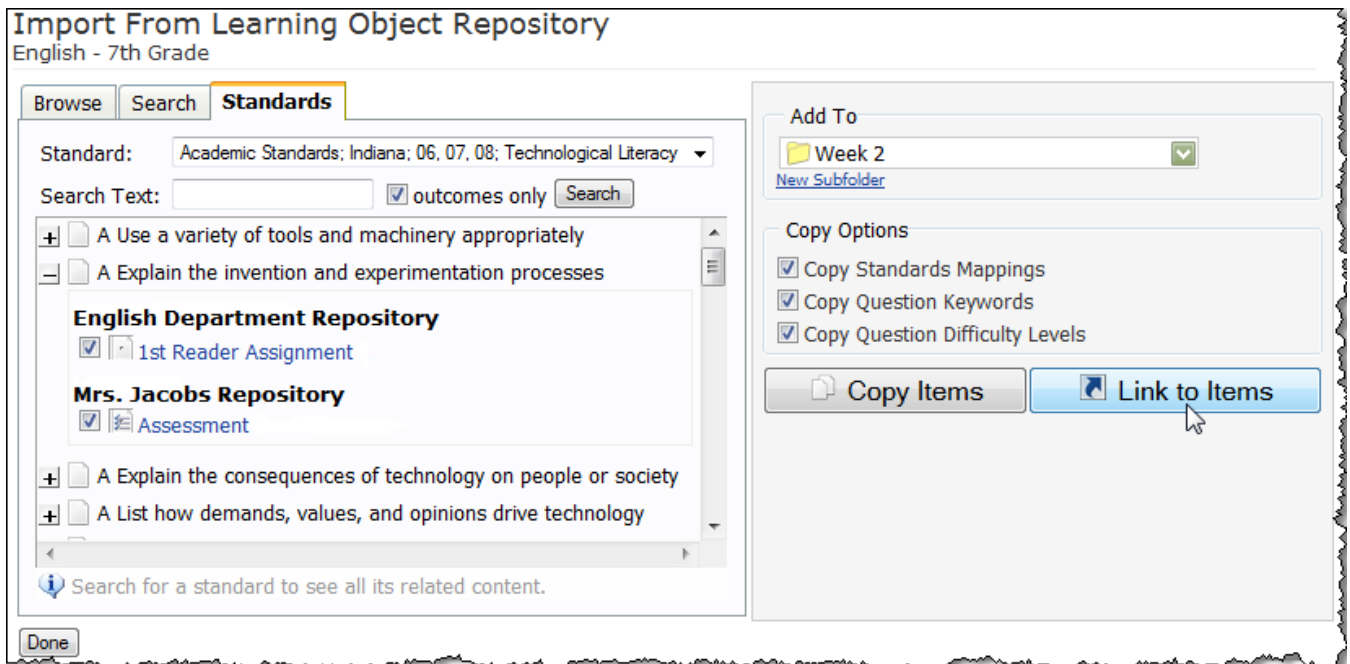


New Feature Highlights

- Meets centralized curriculum management requirements
Curriculum designers have more flexibility in terms of how they distribute and report against student assessment.
- Allows student submission data to be associated with the course, LOR or both.
Centralized assessments may now be given, with the aggregate data rolling up to a centralized source as well as the course-specific scores being tied to the proper course.

LOR Search

The ability to import content into a course from repositories or another course has been made much easier with this enhancement. Browse or search by keyword/standard to locate content, then set a destination for the content before copying or linking to it.



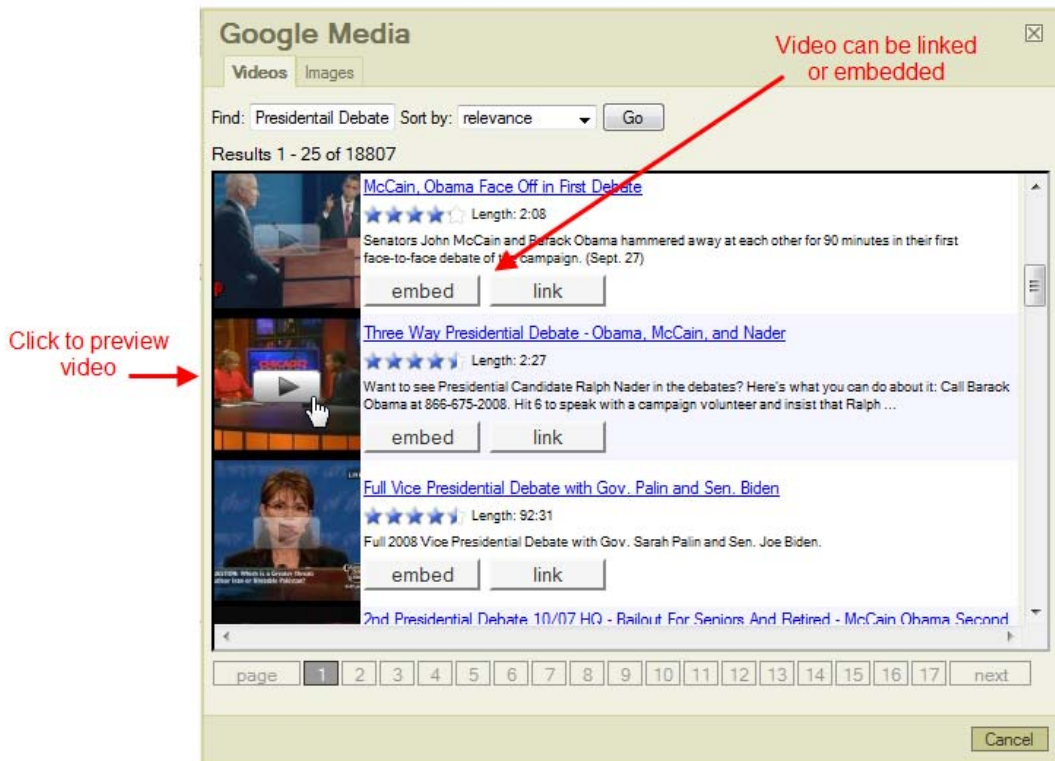
New Feature Highlights

- **New Search LOR by Standards**
Allows customers to search for content aligned to standards and very easily add it to their course.
- **Create New Folders on the Fly**
When building a course, users may now browse, search, or search by standards for content and then place that content within the course's existing folder structure, or they can create new folders on the fly. This prevents them from having to exit content search to organize and present their course material.
- **Maximize Content Value & Reuse**
Maximize the value of shared content repositories by more easily searching for shared content by keyword or standard alignment.
- **Efficient Content Controls**
Batch operations and attention to usability make the process of finding and adding content extremely efficient.

HTML Editor Google Tools

ANGEL 7.4 will include a 'mashup' between ANGEL and two open data sources found within Google. Instructors will be able to easily add rich-media (YouTube Video and Picasa Pictures) anywhere the HTML editor is available. These areas include: Discussions Boards; Page contents; Assessments; and a new Custom Content nugget.

Acknowledging that Personal Learning Environments (PLEs) have gained attention in some higher education learning circles; we anticipate the addition of mashups will be well received by these groups.



Mashup Nugget

The Mashup Nugget is a blank canvas that can be added to any portal page. The Mashup nugget can be configured to display any content sourced from the HTML Editor including; text, YouTube videos, Picasa pictures, and Google Gadgets. This allows instructors to better personalize their course environment to meet their teaching needs.

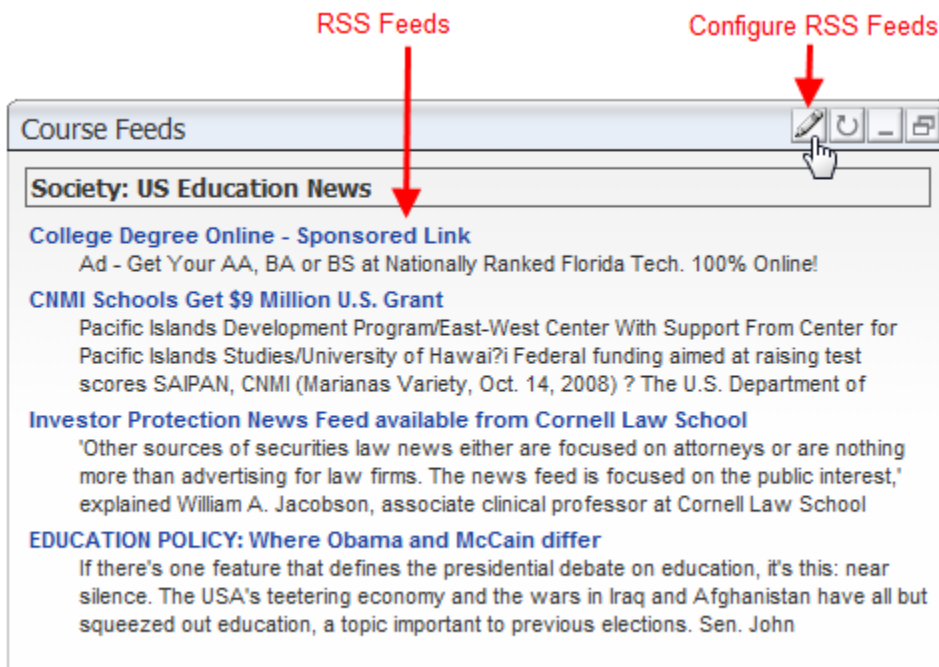


New Feature Highlights

- Easily insert rich media / Web 2.0 content into course
Instructors can insert any content into their course environment.
- Extend ANGEL functionality
Administrators can extend ANGEL functionality using the Mashup Nugget as a starting point.
- Integrated Google Gadgets
The functionality surfaced in this nugget can be extended as new Google Gadgets are made available.
- Works at scale
Google Gadgets can be distributed throughout an institution (LOR rules).

Course RSS Nugget

The Course RSS Nugget introduces a course-specific RSS reader that can be configured for an individual course. This is an adaptation of the Pre-7.4 RSS reader which displays the *same feeds for a user across courses*. The Course RSS Nugget will contain a predefined list of RSS feeds from which the instructor may choose to be displayed to her class.



New Feature Highlights

- RSS Feeds Now Course Specific
The pre-7.4 RSS nugget often leaves customers underwhelmed because it could

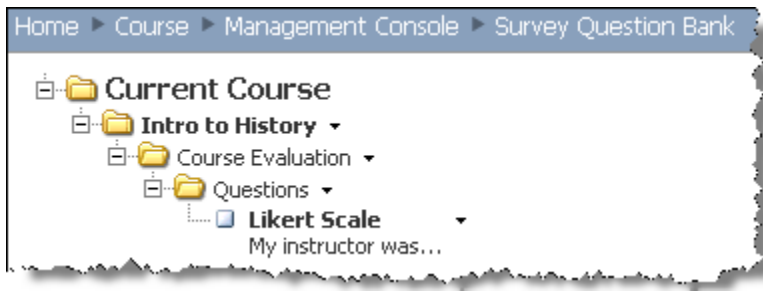
not be configured individually for each course. Now, instructors will have two venues for incorporating RSS feeds into their courses.

- Instructors now have a choice between two RSS Nuggets, each scoped to a different context.

Surveys

Surveys have been enhanced in a number of ways, more closely aligning them with the improved capabilities of Assessments. Some key improvements include a survey question bank, new Likert scale question type, and powerful statistical analysis on survey results.

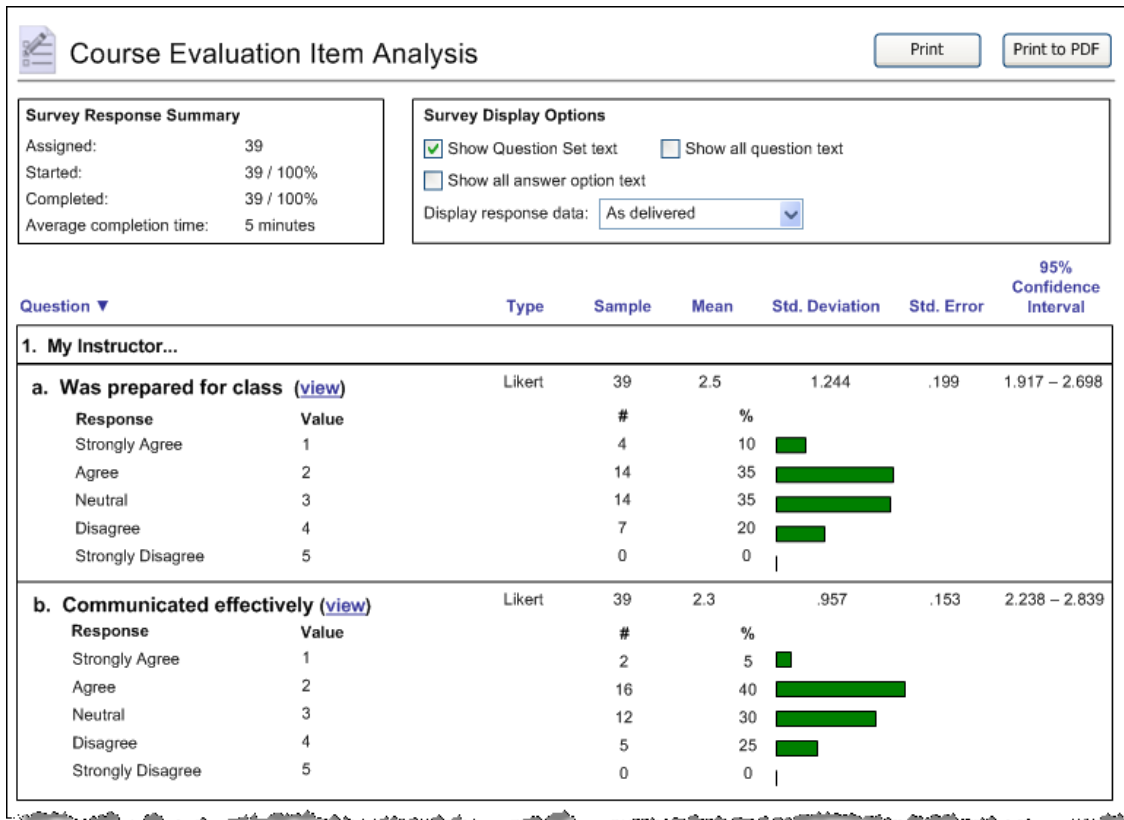
Survey question banks make it easy to create and reuse survey questions for individual courses or repositories. New questions created in surveys are stored in the question bank by default, and adding these stored questions to surveys is made easier with search and browse options.



Given the high prevalence of Likert scale questions in surveys, its addition to ANGEL is an important step forward. The most useful change is the ability to create a grid of questions that all share the same Likert scale:

1. My instructor was...	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
Prepared for class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
On time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Willing to answer my questions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Once students have completed a survey in ANGEL, their submissions are stored for automated, detailed item analysis reporting. The standard survey report will include statistical measures like mean, standard deviation, standard error, confidence interval, and response distribution. Additionally, the data from a survey can be printed or exported for further analysis/storage.



The main benefits of the new Surveys include:

- Survey Question Banks improve the creation and storage of survey questions for reuse
- New Likert Scale question type available.
- Automated reporting on student responses provides sophisticated statistical analysis.
- Surveys deployed from LOR aggregate all responses for Item Analysis – this is especially useful for semester ending instructor and course evaluations.
- Additional safeguards for anonymous survey data collection are built-in to the new surveys.

Gradebook

The ANGEL LMS 7.4 offers a new optional Gradebook. All of the functionality found within the Pre-7.4 Gradebook will be preserved; however, additional functionality will be added. The primary benefit of the new optional Gradebook is the ability to define grade reports to match any academic calendar and improved workflow.

New Feature Highlights

- Flexible terms:** new term definition and reporting tools allow the ANGEL LMS to support any term / reporting period configuration desired. Once defined, terms can be used to create Grade Reports and limit the display of assignments within the Grade Entry Grid to only assignments from a selected term.

Assignment configuration showing terms:

Assignments
[Rearrange](#) [Assignment Wizard](#)

Filters

Term: All Category: All Apply

Directions

Use the form below to add new assign gradebook.

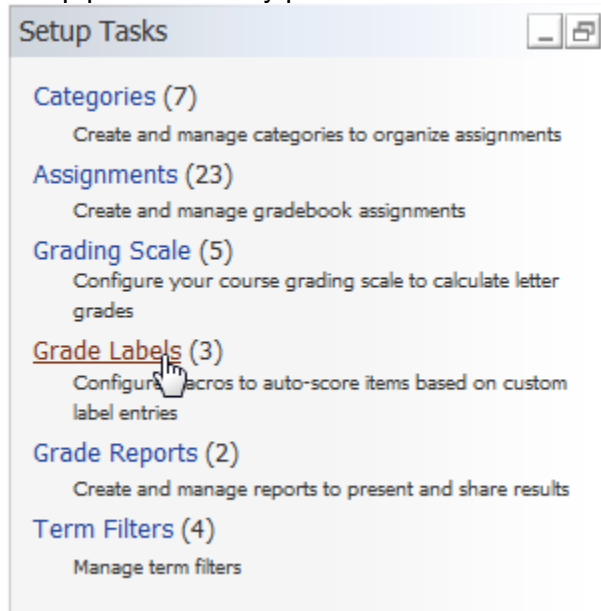
	Title ^	Term	Category	Points	Format
<input type="checkbox"/>		(None)	Projects		(Use Default)
<input type="checkbox"/>	Discussion 1	1st 9 Weeks	Discussions	10	(Use Default)
<input type="checkbox"/>	Discussion 2	1st 9 Weeks	Discussions	10	(Use Default)
<input type="checkbox"/>	Discussion 3	1st 9 Weeks	Discussions	10	(Use Default)
<input type="checkbox"/>	Discussion 4	1st 9 Weeks	Discussions	10	(Use Default)
<input type="checkbox"/>	Discussion 5	2nd 9 Weeks	Discussions	10	(Use Default)
<input type="checkbox"/>	Discussion 6	2nd 9 Weeks	Discussions	10	(Use Default)


- Grade Entry Grid:** a new tool for entering grades into the gradebook, the Grade Entry Grid allows grades to be directly entered into the Gradebook. Scores from manually graded (e.g. "off-line") assignments can be entered rapidly column-at-a-time. The Grade Entry Grid shows the raw scores from ANGEL content items and manually entered grades.

Column-at-a-time grade entry:

Users ^	Quiz 1 10 pts	Quiz 2 10 pts	Quiz 3 10 pts	
Student, George	100%	79 %	60%	
Student, Jack	0%	92 %	90%	
Student, Jan	100%	95 %	100%	
Student, Jill	100%	<input type="text" value=""/>	Comments	
Student, Jim	90%	<input type="text" value=""/>		
Student, John	100%	<input type="text" value=""/>		
Student, Pat	100%	<input type="text" value=""/>		
Student, Ray	80%	<input type="text" value=""/>		
			100%	
			80%	

- **Improved setup:** a new “Setup Tasks” section in the Gradebook offers a flexible way to configure the Gradebook. This tool allows for jumping in and out of the setup process at any point.






Note: the Setup Tasks tool replaces the Gradebook Setup Wizard found in previous versions of ANGEL.

Single interface: all grading tasks are now surfaced in one area in the Gradebook called the Submissions Manager. Any ungraded items are shown here as are common course-end tools.

- **Reporting summary:** all Gradebook related reports are summarized and accessible via the new Gradebook Menu. These reports can also be made available to students. Highly configurable reports can be created based on Grading Term, Category, Date, or any combination of these three.

View of an individual student's grade report:



Student, Tim (timstudent)
▼

[Export](#) [Mail](#) [Save as PDF](#) [Assignments](#)

Overall: 85%

Homework	85%
Grade 1	90%
Grade 2	80%